

Von Duprin

Self-Releasing Fire Exit Latches



"Eternal Vigilance"



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SYNOPSIS

IN MOST every case of this kind, the appalling loss of life is due, primarily, to the fact that the exit doors refuse to operate at the crucial moment. The terrified people pile themselves in heaps about the exits and the poor unfortunates are trampled to death before the fire even reaches them. The recurrence of such disasters is rendered absolutely impossible by the operation of the "*Von Duprin Self-Releasing Fire Exit Latch*." This device takes advantage of the inevitable rush of the panic-stricken crowd, and uses it as the natural means of throwing open the way to escape and safety. A child has the same advantage as an adult, no great effort being necessary—merely a touch releases the latches from their housings.

The essential features of the *Von Duprin Device* are these:

1. It combines in a unit the usual locking devices, the door lock and the top and bottom latches.

2. The usual hardware trim is applied on the outside of the door.

3. On the inside, about waist high, a solid bar extends across the door. This bar stands away from the wood and connects directly with the mechanism in the latch. *Any pressure applied to any part of the bar instantly and positively releases lock and latches simultaneously and permits doors to open.*

The operation of the *Von Duprin Device* under conditions of a panic is evident. The people rush toward the exit doors—the leaders are forced against the bar across the door—the latches operate automatically, and the doors are thrown open to *safety*. These devices positively can not be rendered inoperative by accident or design.

No *Von Duprin Device* has ever failed to operate in an emergency.

The growing appreciation on the part of both architects and building owners of the need for *Von Duprin Latches* is due to the recognition of correct principle in *Von Duprin* design, as well as to the realization that *Von Duprins* are so well made that they give long, trouble-free service.

VONNEGUT HARDWARE CO.

Manufacturers

116-124 East Washington St. • Indianapolis, Ind.



Eternal Vigilance

VONNEGUT HARDWARE CO.

MANUFACTURERS OF

Von Duprin

SELF-RELEASING FIRE EXIT DEVICES

INDIANAPOLIS, IND., U.S.A.

Kindly refer your reply to

March 13, 1928.

To the Architectural Profession:-

A great debt of gratitude is due the many architects who have steadfastly insisted that the exteriors of VON DUPRIN devices be made compact and in keeping with the beauty of the doors to which they are applied.

We take no little pleasure in acknowledging this debt here, on this day, which marks the Twentieth Anniversary of VON DUPRIN manufacture.

Ever since the beginning, steady progress has been made in eliminating the bulkiness of the exterior hardware---and this has been done without decreasing the strength of the functioning members and without affecting the reliability of the devices.

As a result, it is our firm belief that the fifteen types of VON DUPRIN devices shown in this catalog satisfy the wants of the profession---and fully live up to our VON DUPRIN creed---a product dedicated to men of taste and skill, who demand the best that brains can devise and human hands produce.

Cordially--and gratefully--yours,

VONNEGUT HARDWARE CO.

Per

Franklin Vonnegut
President.

SEVENTY-FIVE YEARS OF SERVICE AND GROWTH

It has happened and will happen again for all time and eternity when doors are not properly equipped

76 KILLED IN WILD PANIC AFTER SMALL BLAZE AT MONTREAL FILM THEATER

Victims, Mostly Children, Attracted
By Mary Pickford in 'Sparrows'—
Suffocation Caused Death.

BODIES PILED

Grieving Parents

Attendants

300 PERISH IN THEATER FIRE

Victims Literally Roasted to
Death in Catastrophe at
Acapulco, Mexico.

FAMILIES ARE WIPED OUT;
BODIES NOT IDENTIFIED

AUDIENCE IN PANIC AT WOMAN'S SHRIEK

"There's a Rat," She Cried at
Picture Show in Opera

SAFETY LATCHES ON SCHOOL EXITS CONTRACTED FOR

Board
Pro

SEVEN MEET DEATH IN APARTMENT FIRE

Make Fatal Leaps or Are
Suffocated in Early Morning

200 PERISH IN FIRE AND PANIC IN GOTHAM FACTORY BUILDING

DOORS DIE BY LEAPING

Mostly Girls, Jump From
Floors and Are Mangled
Despite Life Nets.

WORKERS IMPERILED;
18 BODIES ARE TAKEN

Floors Fill With Unidentifiable
Bodies as Result of Greatest
Disaster in Recent Years.

PANIC IN SCHOOL DUE TO FALLING CHIMNEY

MORE THAN 100 CHILDREN BAC
FRIGHTENED.

SOME RAN ALL WAY HO

THREE TOTS TRAMPLED TO DEATH WHEN 4,000 CHILDREN BECOME

INJURED JUMPING

Children in In-
for Subnormal

CAUSES PANIC

SCHOOL IN TURMOIL

HAND IDEAS PLAYS
ALMOST RESULTS

13 GIRLS KILLED IN FACTORY FIRE

Young Women Employees of Pitts-
burgh Box Factory. Caught in
Furnace, Leap to Death—
Eight Injured.

PERISH IN RUSH FOR HATS

Many Victims Trapped Near
Cloakroom—Two Men Rescued
Workers by Lifting Them
Safety.

73 DIE IN SCHOOL FIRE; BURY 59 IN ONE LONG GRAVE

South Carolina Aghast at
Sudden Tragedy.

SEES CRIME IN GOTHAM FIRE

GRAND JURY INDICTS TWO
Holds Owners of Waist Company Are
Guilty of Manslaughter as Re-
sult of Recent Disaster

ORPHANAGE FIRE

TOLL IS 33 DEAD
AND 21 MISSING

CHILDREN PERISH IN FIRE AT PEABODY

Many Boys and Girls Caught
When Flames Sweep Paro-
chial School Building.

2 DEAD, 11 HURT; RESULT OF PANIC

SCHOOL FIRE DEATHS REACH 35; SEVERAL HURT MAY SUCCUMB

Little Oklahoma Town Buries Eight Victims and
Plans Interment of Twenty Others—Doctors and
Nurses Casually Injured.

13 MISSING, FIRE TOLL IN IRELAND THEATER FIRE KILLS FORTY

Others Injured as Flames Trap
Audience in Second Floor
Wooden Hall.

50 GIRLS DIE IN BLAZE; NOW OBEYING SIGNAL

in Clothing Factory Sweep
ers So Quickly Employees Are
ed to Jump From Windows---De-
Causes Panic, Many Believing
m Was for Practice Drill---Rela-
Fight for Bodies.

50 CHILDREN DIE IN PANIC CRUSH; FIRE CRY FALSE

Operator of Moving Picture Ma-
chine Shouts Alarm When
Film Flashes.

NINETY PERSONS BURN TO DEATH IN THEATER

RUSSIAN MOVING PICTURE FIRE
INJURES FORTY OTHERS.

ANY VICTIMS ARE CHILDREN

FIRE ESCAPE DOORS STUCK

At the High School Building
and the Situation Was
a Dangerous One.

Four Hundred Grade Children
in High School Auditorium

Proof of What Has Happened in Case of Emergency in a Von Duprin Equipped Building

INDIANAPOLIS SUN
OF MARCH 8TH 1911

QUIT SMOKY SCHOOL HOUSE IN 40 SECONDS

Pupils at Benjamin Harrison
Building File Out When
Paper Burns.

A small quantity of waste paper in the basement of the Benjamin Harrison school served to create some excitement Wednesday morning and demonstrated the efficiency of the fire signal system at the school. The paper caught from spontaneous combustion or some other unknown cause. There were less than half the school enrollment of pupils present, the hour being early.

The smoke poured through the hallways and at its first appearance the fire signal was sounded and the building emptied of teachers and children in exactly forty seconds. The building occupants poured into the street rapidly and their appearance coupled with the smoke coming from the open doorways, caused some alarm.

The janitor extinguished the blaze with a hand chemical. There was no loss.

BACHELOR IS LONELY, BUT KISS COSTS \$35

INDIANAPOLIS NEWS
OF MARCH 9TH 1911

the fact took occasion to speak of the character of Miss Elston, as was attested by numerous witnesses, and he administered a severe reprimand to the prisoner.

School Fire Causes Excitement—Fire starting in a basket of waste paper in the basement of the Benjamin Harrison School yesterday morning created considerable excitement and incidentally served to demonstrate for the first time the efficiency of the Von Duprin self-releasing fire exit devices which have been installed in all the school buildings of Indianapolis. The blaze was extinguished quickly. The school building was emptied of pupils and teachers in exactly forty seconds, perfect order prevailing under fire drill as practiced in the school.

Say Car Thefts Are Solved—With the arrest yesterday morning of James Hill, 27 years old, 805 Nelson street, on a charge of grand larceny, Eugene Miller, 33 years old, 2219 West McCarty street, on a charge of petit larceny, and David H. Gause, 718 Shelburne street, on a charge of receiving stolen goods, the department has announced that the case of the stolen car has been solved.

INDIANAPOLIS STAR
OF MARCH 9TH 1911

NEWS, THURSDAY, MARCH 9,

School Children Flee From Smoky Building

Self-Releasing Fire Doors Prove
Their Efficiency in Time
of Need.

With smoke pouring through the hallways and the clanging of the fire apparatus on the adjacent streets, the pupils of Benjamin Harrison school, an opportunity was afforded to test the efficiency of the fire drill and the self-releasing fire doors.

From some unknown cause, a quantity of paper in the basement caught fire Wednesday morning. In just forty-five seconds after the alarm was sounded, every child was out of the building. All of the doors leading into the building are equipped with the Von Duprin self-releasing fire exit, and to this lifesaving device most of the credit is due for the quick emptying of the building. The blaze was extinguished without material loss.

rates. He said the home office had already started to work on the schedule and that it would not be more than a matter of days or two until word would be received from the extension.

Are your school doors VON DUPRIN equipped?

Why not equip your building now?

[TRADE **Von Duprin** MARK]

[Registered United States Patent Office, No. 85021]

Self-Releasing Fire Exit Devices

MASTER STANDARD OF THE WORLD

"We Are the Originators of Locking Control, Self-Releasing Fire Exit Latches"

PATENTED

Von Duprin Devices Manufactured Under United States Patents

1025102	April 30, 1912	1158845	November 2, 1915	1508668	September 16, 1924
1026888	May 21, 1912	48651	February 29, 1916	1564884	December 1, 1924
1069075	July 29, 1913	1245617	November 6, 1917	1564183	December 1, 1925
1126560	January 26, 1915				

CANADIAN PATENTS

273358	August 23, 1927
Copyright 85021	January 16, 1912
Other Patents Pending	

TRADE MARKS

394985 Great Britain	June 7, 1920	61188 Argentine	March 15, 1920
27354 France	September 5, 1919	6940 Brazil	September 13, 1920
245825 Germany	September 13, 1919		

APPROVAL

United States Government (War Department), Specification "C"	War Department
United States Government (Municipal Department)	Snowden Ashford, Architect
United States Government (Treasury Department)	Bureau of Printing and Engraving Building
Australian Government	Geo. McRea, Government Architect, N. S. W.
New York Board of Fire Underwriters	New York, N. Y.
New York Bureau of Buildings	(Borough of the Bronx), New York, N. Y.
National Board of Fire Underwriters, SA163—File 100F24	Chicago, Ill.
National Board of Fire Underwriters, R592, 218116—3 Pt. Device	Chicago, Ill.
Members of International Association of Building and Factory Inspectors	
Board of Standards of the Fire Department	New York

The best SCHOOL architects. The best THEATER architects

DISTRIBUTORS

Boston, Mass.—E. W. Lowell, 11 Beacon Street, Liberty 9814. Maine, New Hampshire, Vermont, Massachusetts and Rhode Island.

Chicago, Ill.—J. C. Bold & Co., 549 West Washington Boulevard, Franklin 4888. Chicago, Ill., Cook County, Ill., and territory north of a line through Kankakee, Ill., from Indiana to Iowa boundary.

Chicago, Ill.—J. L. Lindstrom, 1558 Juneway Terrace, Rogers Park 4135. States of Wisconsin and Michigan; Minneapolis, St. Paul and Duluth, Minn.

Cleveland, Ohio—H. E. Weed, 1279 Ethel Avenue, West, Lakewood 6920. Line drawn north of Dayton, Ohio, to east Ohio line; including Buffalo, N. Y., Niagara Falls, N. Y., Pittsburgh, Pa., and Erie, Pa.

Denver, Colo.—W. H. Clark, Interstate Trust Building, Ma. 7663. Colorado and Wyoming.

El Paso, Texas—C. C. Gaines, 359 First National Bank Building, Ma. 436. El Paso, Texas, and the state of New Mexico.

Harrisburg, Pa.—O. L. Preble, Jr., 202 Kelly Building, 25 South Third Street, Pennsylvania counties as follows: Franklin, Mifflin, York, Schuylkill, Union, Lehigh, Lycoming, Cumberland, Juniata, Lebanon, Columbia, Northumberland, Adams, Dauphin, Montour.

Los Angeles, Cal.—W. H. Steele & Co., 302 East Fourth Street, Metropolitan 5457. Southern California, south of a line east and west twenty miles south of Fresno, Cal.

Miami, Fla.—Paul E. Shipe, King-Bowman Steel Products Co., 1019 Olympia Building, Telephone 6776.

Minneapolis, Minn.—Fred O. Routh, 136 North Twelfth Street. Kansas.

Nashville, Tenn.—Geo. W. Ruth & Co., 151 Fourth Avenue, North, Ma. 2565. Nashville, Tenn.

New Haven, Conn.—H. G. Voight, P. O. Box 1329, State of Connecticut.

New Orleans, La.—L. C. Dorgan & Co., 429 Carondelet Street, Telephone Raymond 3817. Territory included within line traced from New Orleans along Gulf coast to and including Mobile, thence to Meridian, Miss., then west to Vicksburg and over and around Louisiana including entire state.

New York, N. Y.—Chas. R. Smith, 200 Varick Street, Walker 7520. New York state except territory west of a line drawn north and south ten miles east of Buffalo and Niagara Falls; state of New Jersey

north of Trenton; Wilkes-Barre, Scranton and Allentown, Pa.; Pennsylvania counties as follows: Susquehanna, Bradford, Wyoming, Monroe, Pike, Luzerne, Lackawana, Wayne, Northampton.

Omaha, Neb.—E. S. Lewis & Co., 501 Sunderland Building, Atlantic 1996. State of Nebraska.

Peoria, Ill.—H. F. Kircher & Co. Peoria, Ill.

Phoenix, Ariz.—Walter Dubree, Box 145, Tel. 8195. State of Arizona.

Philadelphia, Pa.—H. S. Hendrickson, 521 Commerce Street, both phones. Reading, Pa., Philadelphia, Pa., Wilmington, Del., Atlantic City, N. J., Ocean City, N. J., Trenton, N. J.; Pennsylvania counties as follows: Perry, Lancaster, Philadelphia, Chester, Delaware, Bucks.

Salt Lake City, Utah—Niels E. Larsen, 921 East First, South, Was. 8945-J. State of Utah.

St. Louis, Mo.—W. E. Way, 825 Chemical Building, Gar. 3777. St. Louis and East St. Louis.

San Francisco, Cal.—D. A. Pancoast Co., room 505, West Coast Life Building, 605 Market Street, Kearney 3719. Upper California south to a line east and west through Fresno, Cal.

Seattle, Wash.—R. F. Bevers, 521 Thirtieth Avenue, South, Beacon 5187. States of Washington and Oregon.

Tampa, Fla.—King-Bowman Steel Products Co., 404 South Fremont Avenue, Telephone H-1348. Southern two-thirds of the state of Florida making the north line Levy County, Marion County and Volusia.

Waterloo, Iowa—Iowa Building Material Co., 302 West Fourth Street, Tel. 1387. Eastern half of Iowa from the Mississippi River to and through the following counties: Ringgold, Union, Adair, Guthrie, Carroll, Calhoun, Pocahontas, Palo Alto, Emmet.

FOREIGN

Australia—Sydney, N. S. W., F. Lindsay Thompson, 52 Sydney Arcade, King Street.

Belleville, Ont.—Springer Lock Manufacturing Co.

Japan—Osaka, F. W. Horn Company, 36 Kawaguchicho Nishiku.

Honolulu, Hawaii—Lewers & Cooke.

Mayaguez, Porto Rico—Dario Nuin.

Santiago de Chile—Morris Rosen, P. O. Box 3327.

VONNEGUT HARDWARE CO., Manufacturers
Indianapolis, Indiana, U. S. A.

FOR SALE BY ALL HARDWARE DEALERS

U. S. factory, Indianapolis, Ind.

Also in "Sweets" Index.

Canadian factory, Belleville, Ontario

TABLE *of* CONTENTS

We Make Fifteen Distinct Types of Panic Devices

AUTHOR'S NOTE: This great assortment is due, partially, to the fact that many municipalities prefer to use types they have used for many years, thus standardizing, thereby reducing maintenance expense, other types have been created for special conditions.

ALPHABETICAL INDEX, SEE PAGES 156-157. NUMERICAL INDEX, SEE PAGES 158-159.
 COMPARABLE MAKES LIST, SEE PAGES 144-145. FINISH LIST, SEE PAGE 148.
 DIRECTIONS FOR MEASUREMENTS NECESSARY IN ORDERING, SEE PAGES 146-147.
 CHART OF OTHER VON DUPRIN DEVICES THAN TYPE "B", WITH SAME OPERATION AS
 TYPE "B", USING TYPE "B" AS A BASIS. SEE PAGE 149.

Type		Material	Illustrated and Described on Pages
"A"	VON DUPRIN rim lock, Type "A", <i>Underwriters' Approved Devices</i>	Brass or bronze	8 to 13, inc.
"B"	VON DUPRIN mortise lock, Type "B", <i>Underwriters' Approved</i> "super-extra heavy" highest grade, non-competitive	Brass or bronze	14 to 25, inc.
"C"	Heavy standard mortise lock, "Type "C", highest grade single-acting device	Brass or bronze	26 to 37, inc.
"D"	Standard mortise lock, Type "D", single acting	Brass or bronze	38 to 43, inc.
"E2"	Standard Mortise Lock, Type "E2", double cylinder, single acting .	Brass or bronze	44A to 47, inc.
"F"	Malleable iron, gray iron and steel mortise lock, Type "F"	Malleable iron	48 to 53, inc.
"G"	Standard mortise lock, Type "G", "New York Special" and "Oakland"	Brass or bronze	54 to 57, inc.
"H"	Gravity vertical rod, mortise, Type "H"	Brass or bronze	58 to 69, inc.
"J"	Gravity vertical rod, mortise lock, Type "J"	Brass or bronze	70A to 73, inc.
"K"	Standard mortise lock, Type "K", competitive, double-acting, <i>Under-</i> <i>writers' Approved</i>	Brass or bronze	74 to 87, inc.
"L"	Standard vertical rod and lock type for steel factory doors, LR1527L and LR1523L	Brass or bronze	88 to 89, inc.
"M"	Double-acting, Type "MB", "MC", "MK", transformer room door de- vices, 1147MB, 6147MC, 2147MK	Brass or bronze	90
"N"	Double-acting Type "N" transformer room door devices	Malleable iron	91
"P"	Concealed vertical rod devices "Rapp & Rapp"	Brass or bronze	92 to 93, inc.
"Q"	Malleable iron <i>Underwriters' Approved three-point devices</i>	Malleable iron	94
"R"	Double-acting transformer room (Type "R") devices	Brass or bronze	95

All cross bars in brass or bronze devices are 1" seamless tubes

General Architects' Information

	Type "A" Pages	Type "B" Pages	Type "C" Pages	Type "D" Pages	Type "E2" Pages	Type "F" Pages	Type "H" Pages	Type "J" Pages	Type "K" Pages
(1) Details of devices and functioning members .	130, 131	133	135	137	.....	.....	139	.....	141
(2) Details of locks and latches, pages 106 to 115	.....	.....	.....	.....	.....	.....	.....	.....	.....
(3) Combinations suitable for various types of doors. (See each type of device) . . . . .	.....	17, 19, 21, 23	29, 31, 33, 35	41	45	51	61, 63, 65, 67	71	77, 79, 81, 83
(4) Metal door reinforcements	129	132	134	136	.....	.....	138	.....	140
(5) Metal door lock positions	129	132	134	136	.....	.....	138	.....	140
(6) Special strikes, pages 121 to 125 . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....
(7) Measurements required for ordering, pages 146, 147 . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....
(8) Special trims, pages 96 to 100 . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....
(9) Special thresholds with strikes cast integral, page 120 . . . . .	.....	.....	.....	.....	.....	.....	.....	.....	.....

TIME FOR APPLICATION (approximated on experience, page 147). Shipping weights are gross. Tare, wood boxes, 14 pounds. Tare, cardboard cases, 6 pounds. Two devices can be shipped in one case.

Unless finish is specified, finish 10, polished brass, will be sent on brass devices; polished bronze on bronze devices.

Although we make all finishes on metal (see chart, page 148), we suggest that panic bolts be made in polished brass or bronze (brass preferred), because they show more prominently in darker hallways in these finishes.

Ask your Indemnity Insurance Counsel regarding a saving in your insurance by using VON DUPRIN devices on your entrance and exit doors.

Type "A"

Approved by the Underwriters' Laboratories SA-163 Under Life Hazard, Casualty Department

The following pages **Von Duprin** Type "A"
Pages 9 to 13

FOR DOORS OPENING OUTWARD ONLY—NOT REVERSIBLE

THE HIGHEST GRADE RIM LOCK DEVICE, embodying all the refinements known to panic device construction. Cross bar action on the inside of the door toward the door.

Featured to unlatch latch bolts from inside by touch against cross bar at any point at all times.

Not suitable for double doors without mullions.

The features of this device are that the principal functioning members are milled and machined and the contact points are covered with case-hardened steel sleeves, making anti-friction points, rather than wearing points.

All interior parts are of special hard bronze. Bars and external members are brass or bronze.

A dogging feature is provided at each end of the cross bar, this being a cylindrical device controlled by two-point key, one at the main center case, the other on the hinged end case. These enter the levers through case-hardened steel sleeves, reducing the wear by pressure to a minimum, and insuring absolute rigidity.

Phosphorus bronze compression springs are used throughout.

Latch bolts (except 1125) are upset to give a very long easy-spring action, which subjects them to the normal check operation.

Extra heavy exterior hardware, see the various pages for description of trims.

See pages 129, 130 and 131 for Reinforcing Metal Door Chart and inner functioning member details.

NOTE: We have made rim lock panic devices since 1913.

Von Duprin TYPE "A"

Self-Releasing Shop Door Devices Nos. 1025A, NL1025A "Bulldog"

With heavy rim cylinder lock. For single entrance door, also double entrance door with mullion. FOR DOORS OPENING OUTWARD.

Especially built for high-class shop and school entrance door. Featured to eliminate many troubles heretofore had with shop door locks. Made with outside deadlocking and unlatching feature.



Fig. 1025A



Case Measures 4" Wide, 7" High
Inside Elevation
Special Features Described on Page 8
Not Reversible

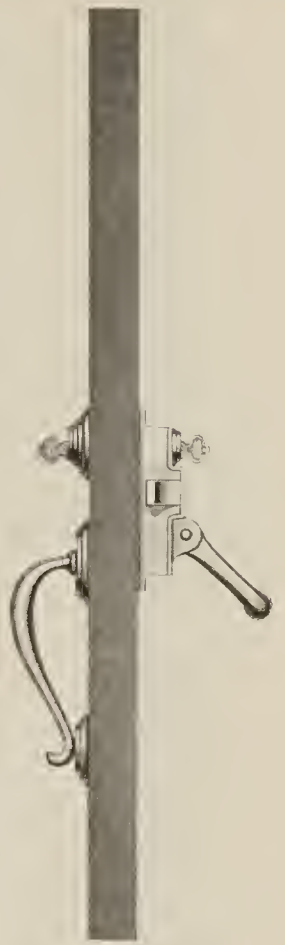


Fig. NL1025A

OPERATION

No. 1025A "Bulldog"—At closing time the watchman turns his key in the inside cylinder, locking the door, barring admittance (except by key), yet permitting the door to be opened from the inside by a touch against the cross bar at any point. When door is again closed the lock automatically locks itself. Outside cylinder has night latch movement. When the lock is unlocked from outside it is unnecessary to again lock it from the inside, as it automatically locks itself. Furnished with grip and thumbpiece.

No. NL1025A "Bulldog"—Has night latch action, grip without thumbpiece, latch retracting feature from operation of key through inside cylinder.

Latch bolt extra heavy hinged car door type, extra easy in movement, and impossible to bind. Cross bar can be dogged by special key dogging devices on both ends of cross bar for both Nos. 1025A and NL1025A. In estimating the back set take into consideration the fact that the lock sets back from edge of door to clear stop or rabbet.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Outside Cylinder	Inside Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 1025A	3216	3217	296J	2620R	4 ⁵ / ₁₆ "	2" plus	29 lbs.
Catalog, page	117	117	124	98		Rabbet	
Device NL1025A	3216	3217	296J	NL2620R	4 ⁵ / ₁₆ "	2" plus	29 lbs.
Catalog, page	117	117	124	98		Rabbet	

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.

Before ordering, see pages 146, 147. Detail of construction (Functioning Member Parts Chart), see page 130. Metal Door Reinforcement Chart, see page 129. Special exterior trims, see pages 98, 99. Approximate time required for application for estimating purposes, see page 147.

Von Duprin TYPE "A"

Self-Releasing Shop Door Devices Nos. 1026A, NL1026A, 1028A "Bulldog"

With heavy rim-cylinder lock. For single entrance door, also double entrance door with mullion. FOR DOORS OPENING OUTWARD. Especially built for high-class shop and school entrance door. Featured to eliminate many troubles heretofore had with shop door locks. Made with outside deadlocking and unlatching feature.



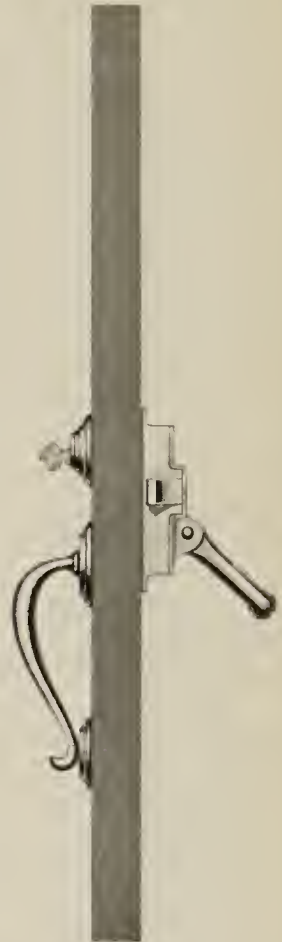
No. 1026A "Bulldog"



Inside Elevation

Case Measures 4" Wide, 7" High

Special Features Described on Page 8. Not Reversible



No. NL1026A "Bulldog"

OPERATION

No. 1026A "Bulldog"—The outside cylinder has the feature of deadlocking the thumb latch. Exit is normal from inside by a push on the cross bar. The same is again automatically locked when the door closes. Furnished with grip and thumb piece on the outside of the door.

No. NL1026A "Bulldog"—As 1026A, omitting thumb piece—night latch action only.

No. 1028A "Bulldog"—For exit only. No outside unlatching feature.

In estimating the back set, take into consideration the fact that the lock sets back from edge of door to clear stop or rabbet. Latch bolt extra heavy car door type, extra easy in movement and impossible to bind. Cross bar can be dogged by special dogging device on both ends of cross bar.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 1026A	3216	296J	2620R	4 $\frac{5}{16}$ "	2" plus Rabbet	29 lbs.
Catalog. page	117	124	98			
Device NL1026A	3216	296J	NL2620R	....	2" plus Rabbet	29 lbs.
Catalog. page	117	124	98			
Device 1028A	None	296J	None	....	2" plus Rabbet	26 lbs.
Catalog. page		124				

All brass or bronze. Polished brass furnished unless otherwise ordered.

Prefix NL indicates night latch action.

Before ordering, see pages 146, 147. Detail of construction (Functioning Member Parts Chart), see page 130. Metal Door Reinforcement Chart, see page 129. Special exterior trims, see pages 98, 99. Approximate time required for application for estimating purposes, see page 147.

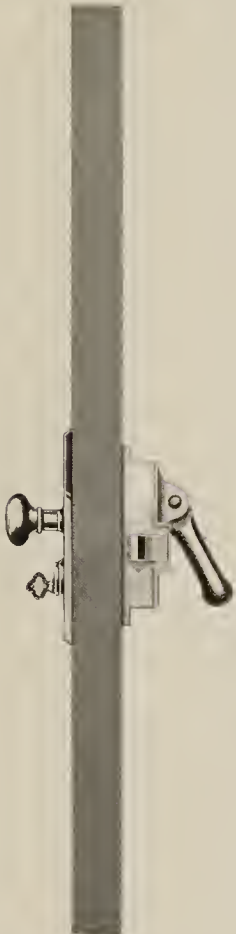


No. 1028A "Bulldog"

Von Duprin TYPE "A"

Self-Releasing Fire Exit Devices Nos. 1225A, NL1225A, 1228A "Bulldog"

With heavy rim-cylinder lock. For single entrance door, also double entrance door with mullion. FOR DOORS OPENING OUTWARD. Especially built for school house, church, auditorium or assembly hall, factory and corridor door. Made with outside deadlocking and unlatching feature.



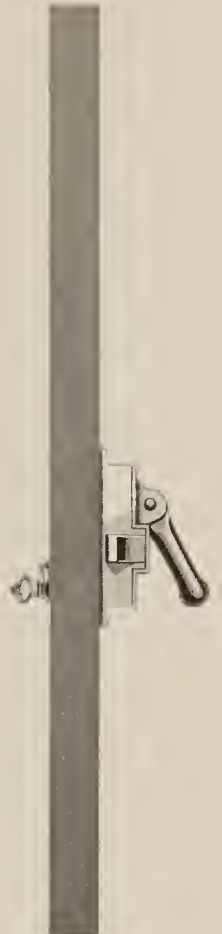
No. 1225A "Bulldog"



Inside Elevation

Case Measures 4" Wide 6 $\frac{1}{8}$ " High

Special Features Described on Page 8. Not Reversible



No. NL1225A "Bulldog"

OPERATION

No. 1225A "Bulldog"—Furnished with 2 $\frac{1}{4}$ " knob and 2 $\frac{1}{2}$ "x8" escutcheon on outside of door; latch operated from outside in same manner as any ordinary lock and latch device. Featured to unlatch latch bolt from inside by touch against bar at any point, even though deadlocked from outside.

No. NL1225A "Bulldog"—Omitting knob and escutcheon, and has night latch action. When door is closed it automatically locks—to be unlocked from outside by key. No outside hardware except cylinder.

No. 1228A "Bulldog"—For exit only. No hardware on outside. No outside unlocking feature.

In estimating the back set, take into consideration the fact that the lock sets back from edge of door to clear stop or rabbet. Cross bar can be dogged by special dogging device on both ends of cross bar. Latch bolt extra heavy car door type, extra easy in movement and impossible to bind.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 1225A	3216	296J	2600	2 $\frac{3}{8}$ "	2" plus Rabbet	27 lbs.
Catalog, page	117	124	96			
Device NL1225A	3216	296J	None	....	2" plus Rabbet	25 lbs.
Catalog, page	117	124				
Device 1228A	None	296J	None	....	2" plus Rabbet	24 lbs.
Catalog, page		124				

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.

Before ordering, see pages 146, 147. Detail of construction (Functioning Member Parts Chart), see page 131. Metal Door Reinforcement Chart, see page 129. Special exterior trims, see page 96. Approximate time required for application for estimating purposes, see page 147.

No. 1228A "Bulldog"

Von Duprin TYPE "A"

Self-Releasing Fire Exit Devices Nos. 1125A, NL1125A, 1128A

With rim-cylinder lock. For single entrance door, also double entrance door with mullion. FOR DOORS OPENING OUTWARD. Especially suitable for sheet metal door, narrow stile door, or wood door too thin for mortise lock.

Designed for school house, church, auditorium or assembly hall, factory and corridor door. Made with outside deadlocking and unlatching feature. REGULAR CHAMFERED LATCH BOLT.



No. 1125A



Inside Elevation. Not Reversible
Case Measures $3\frac{1}{8}$ " Wide, $5\frac{1}{8}$ " High



NL1125A

OPERATION

No. 1125A—For single entrance door. Furnished with cast brass $2\frac{1}{4}$ " knob and $2\frac{1}{2}$ "x8" cast brass escutcheon. Latch operated in same manner as any ordinary lock and latch device. Cross bar action—a push against the bar releases bolts from their housings, permitting door to open.

No. NL1125A—For single entrance door. Furnished with cylinder only outside, which is operated in same manner as a night latch. Door is automatically locked when it closes; unlatched by cylinder key from outside.

No. 1128A—For single exit door. Furnished with cross bar and lock on inside. No outside control. Cross bar action toward the door.

All have bar dogging feature on both ends of cross bar. In estimating back set, take into consideration the fact that the lock sets back from edge of door to clear stop or rabbet.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 1125A	3216	277J	2600	$2\frac{5}{8}$ "	$1\frac{3}{8}$ " plus Rabbet	20 lbs.
Catalog, page	117	124	96			
Device NL1125A ...	3216	277J	None	....	$1\frac{3}{8}$ " plus Rabbet	19 lbs.
Catalog, page	117	124				
Device 1128A	None	277J	None	....	$1\frac{3}{8}$ " plus Rabbet	18½ lbs.
Catalog, page		124				

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.

Before ordering, see pages 146, 147. Detail of construction (Functioning Member Parts Chart), see page 131. Metal Door Reinforcement Chart, see page 129. Special exterior trims, see page 96. Approximate time required for application for estimating purposes, see page 147.

Von Duprin TYPE "A"

Self-Releasing Fire Exit Devices Nos. NL1325A, 1328A

With cylinder half-mortise lock for single entrance door, also double entrance door with mullion. FOR DOORS OPENING OUTWARD.

Especially designed for school house, church, auditorium or assembly hall, factory and corridor door. Made with outside deadlocking and unlatching feature night latch action.



NL1325A



Inside Elevation. Not Reversible



1328A

OPERATION

No. NL1325A—Furnished with grip on outside of door. No thumb piece. Unlocked from outside by key. Has distinctive night latch action. LOCK IS HALF-MORTISE, RECESSED FACE AND ABSOLUTELY NON-PICKABLE.

No. 1328A—For single exit door. No outside unlatching feature. Cross bar operates toward the door, unlatching latch bolts.

All have bar dogging feature on both ends of cross bar.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Cylinder	Strike	Trim	Back Set	Shipping Weight
Device NL1325A	3215	235J	NL2640R	27/8"	23 lbs.
Catalog, page	117	124	98		
Device 1328A	None	235J	None		21 lbs.
Catalog, page		124			

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.

Before ordering, see pages 146, 147. Special exterior trims, see pages 98, 99. Approximate time required for application for estimating purposes, see page 147.

VON DUPRIN TYPE "B"

The following pages 15 to 25 show Type "B"

The highest grade, double acting, extra heavy mortise lock type panic device made, embodying all of the refinements known to panic bolt construction. Approved by the Underwriters' Laboratories SA-163 under Life Hazard and Casualty Department, approvals, see page 6.

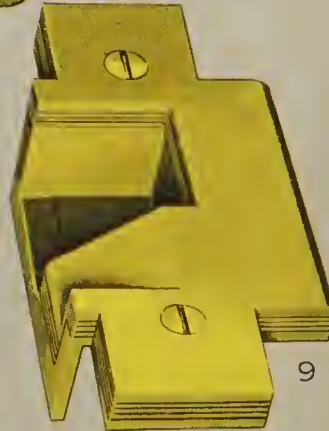
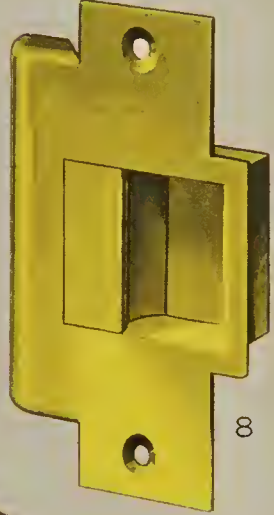
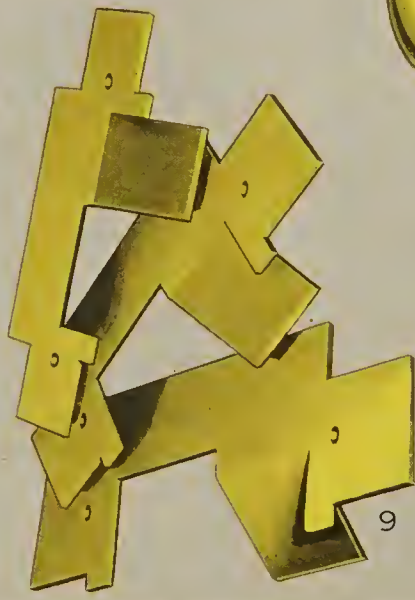
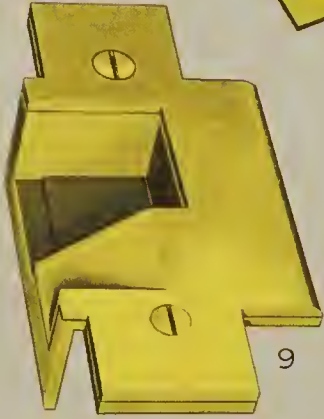
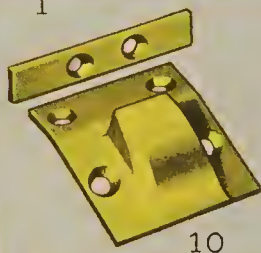
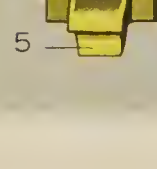
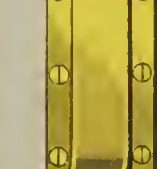
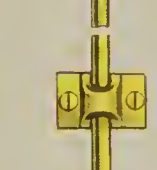
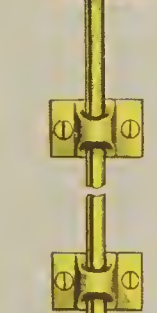
Symmetrically designed, sturdy in construction, built to endure. All interior parts are made of special hard bronze, bars and external members brass or bronze only.

FEATURES

"Featured to unlatch latch bolts from inside by touch against, or pull up on cross bar at any point at all times."

- Feature No.
1. Cross bar double acting (to or from the door) full 1", 16-gauge seamless brass or bronze tube.
 2. Ball compensating vertical rod construction, enabling rods to compensate with the action of winding or warping doors, prevents binding rods.
 3. *Improved method of dogging the cross bars down*—a direct drive into the lever arms controlled by two-point key. The housing is lined with seamless steel sleeve. (See feature 11), a drive fit. Dogging feature furnished on both ends of the cross bar insuring absolute rigidity.
 4. New axle so constructed that axle can not lose out or be removed by children.
 5. Easy spring Pullman type, long-swing, vertical latches subject to normal check operation (entirely independent of each other), page 133.
 6. Special phosphorus bronze compression springs in main case augmented by special phosphorus bronze compression springs in hinged end case of cross bar.
 7. Working parts machined and milled. Stumps receiving unusual shocks and wear are covered with case-hardened steel sleeves, eliminating friction and wear.
 8. Collapsible Strike No. 250J for single entrance door cylinder locks, eliminating sticking of latches in terrific jams. Ordinary pressure will draw the bolts to a given point where strike completely collapses, leaving free exit. (See full description and detail, page 123.)
 9. No. 247J adjustable strike for mortise cylinder lock, to take up the gaps caused by shrinking double doors, and preventing picking. For full description and detail, see page 125.
 10. Buffer and plates No. 248 for active door of double doors, preventing crowding of door past the strike engagement plane, which function would release auxiliary bolt and permit picking of main latch bolt.
 11. Cross bar lever showing holes drilled for axle and dogging feature, both housings are lined with case-hardened steel sleeve, eliminating all friction and wear.
 12. Extra heavy exterior trim. (See description, pages 96-100.)
 13. Long-life cylinder locks made especially for panic bolt service. (See pages 108-116.)

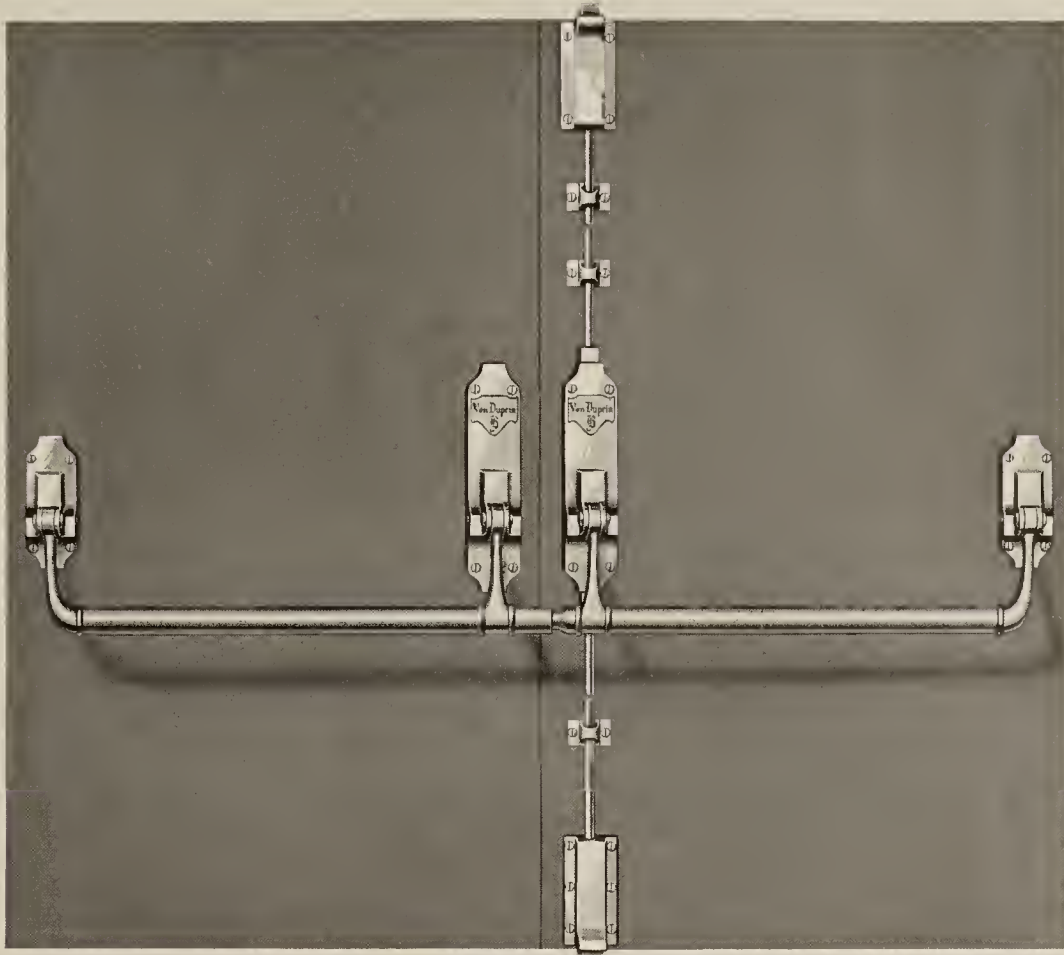
Not reversible.



Von Duprin TYPE "B"

For Double Exit Doors Opening Outward

Both doors equipped with a complete device is preferable (see Combination No. 15B, page 17). No. 1172B, however, is more economical in price. Has no outside unlatching feature.
Not satisfactory on doors less than 28" wide with 5" stiles.



Inside Elevation 1172B
Special Features Described on Page 14. Not Reversible

OPERATION

Featured to unlatch bolts from inside by touch against or pull up on bar at any point. Latch bolts can be dogged in retracted position by cylindrical lock feature on main cross bar case and on hinged end of cross bar, insuring absolute rigidity.

Latch Case No. 20B, see page 133.

No. 272 Latch Retractor Head, see page 119. On special order only, specify No. LR1172B.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lower Strike	Upper Strike	Shipping Weight
Device 1172B	251L	273U	38 lbs.
Catalog, page	121	122	

All brass or bronze. Polished brass furnished unless otherwise ordered.

For "travel control" of double doors with overlapping astragal, see page 116A. Before ordering, see pages 146, 147. Detail of construction (Functioning Member Parts Chart), see page 133. VON DUPRIN metal thresholds, see page 120. Metal Door Reinforcement Chart, see page 132. Approximate time required for application for estimating purposes, see page 147.



No. 1172B

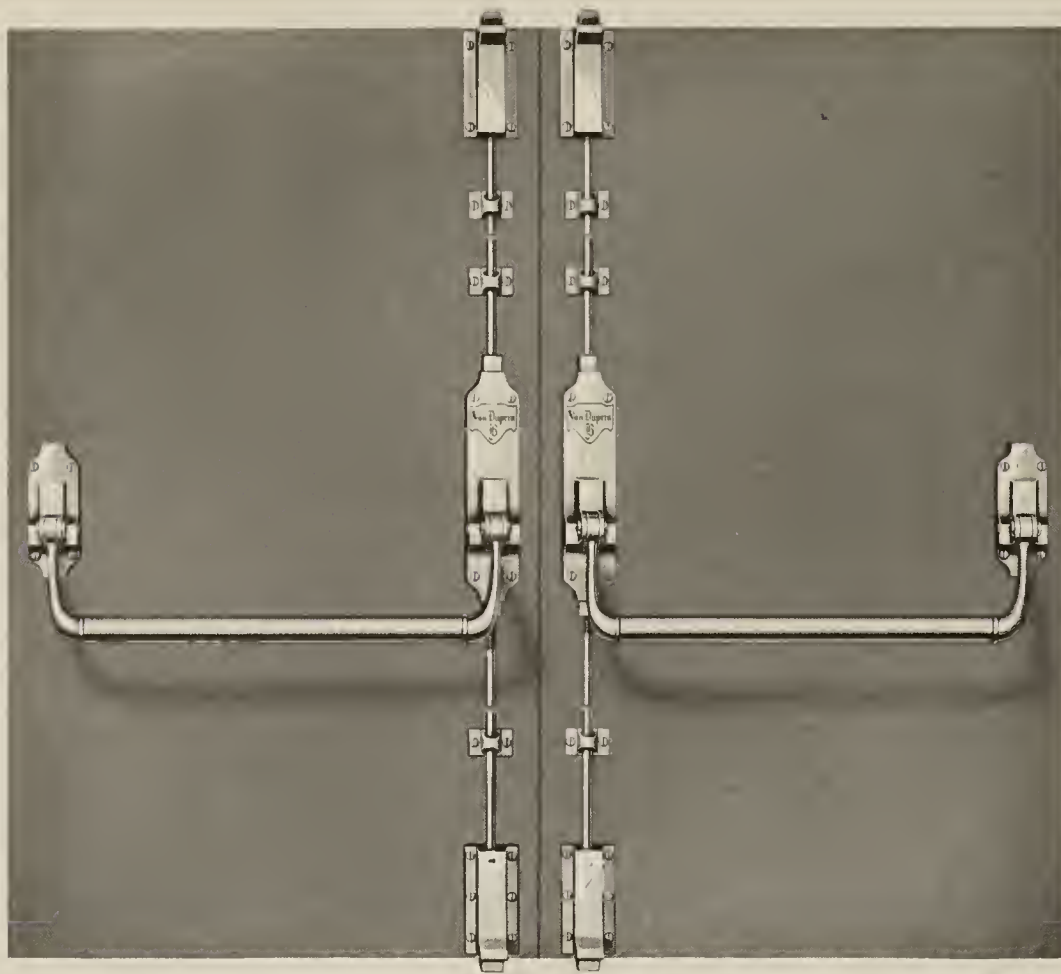
Von Duprin TYPE "B"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS USED



Inactive 1127B



Inactive Door 1127B

Active Door 1123B

Inside Elevation Combination No. 11B

Special Features Described on Page 14. Not Reversible



Active 1123B

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Cylinder	Lower Strike	Upper Strike	Trim	Spacing	Shipping Weight
Device 1123B	3216	251L	273U	2580	3 1/8"	29 lbs.
Catalog, page	117	121	122	96		
Device 1123Bx2660 lttner..	3216	251L	273U	2660	3 1/8"	30 lbs.
Catalog, page	117	121	122	97		

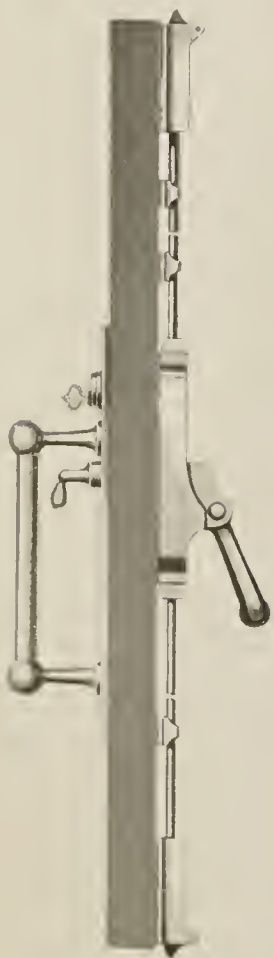
FOR INACTIVE DOOR

		Lower Strike	Upper Strike			
Device 1127B	None	251L	273U	None	....	28 lbs.
Catalog, page		121	122			

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix LR indicates latch retractor head, see page 119.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

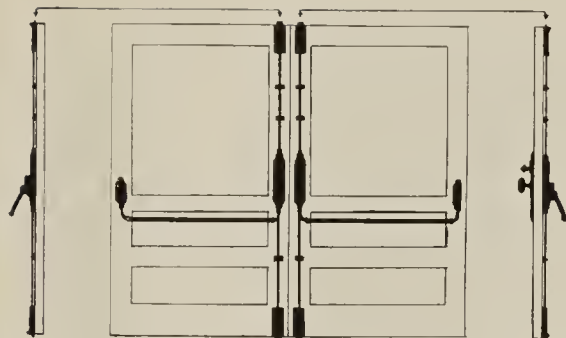


1123Bx2660 lttner

For "travel control" of double doors with overlapping astragal, see page 116A. Before ordering, see pages 146, 147. Detail of construction (Functioning Member Parts Chart), see page 133. VON DUPRIN metal thresholds, see page 120. Metal Door Reinforcement Chart, see page 132. Special exterior trims, see pages 96, 97. Approximate time required for application for estimating purposes, see page 147.

Practical Combinations for Double Doors

WHERE THRESHOLD IS USED

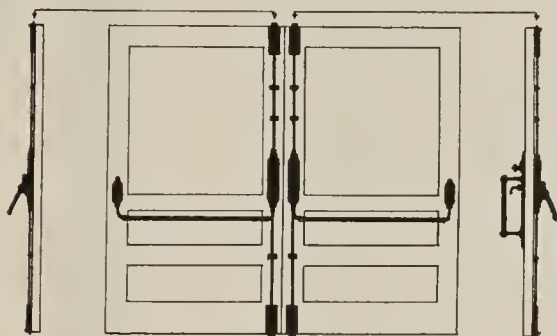


No. 1127B No. 1123B
Combination No. 11B

COMBINATION NO. 11B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1127B, Type "B" VON DUPRIN

Active door to be equipped with No. 1123B, Type "B" VON DUPRIN



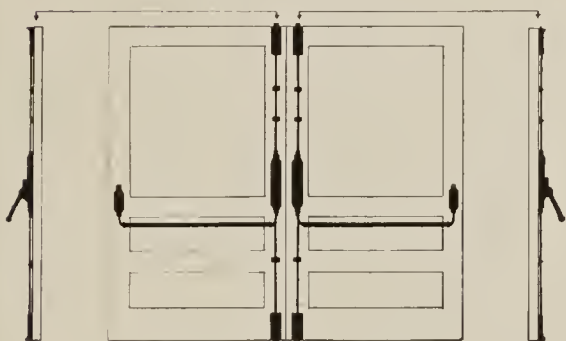
No. 1127B No. 1123Bx2660 Ittner
Combination No. 011B Ittner

COMBINATION NO. 011B ITTNER MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1127B, Type "B" VON DUPRIN

Active door to be equipped with No. 1123Bx2660 Ittner,
Type "B" VON DUPRIN

ARCHITECT'S NOTE—If inactive door should have dummy trim, specify so.



No. 1127B No. 1127B
Combination No. 15B

COMBINATION NO. 15B DOUBLE EXIT DOORS

Both doors to be equipped with No. 1127B, Type "B" VON DUPRIN

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

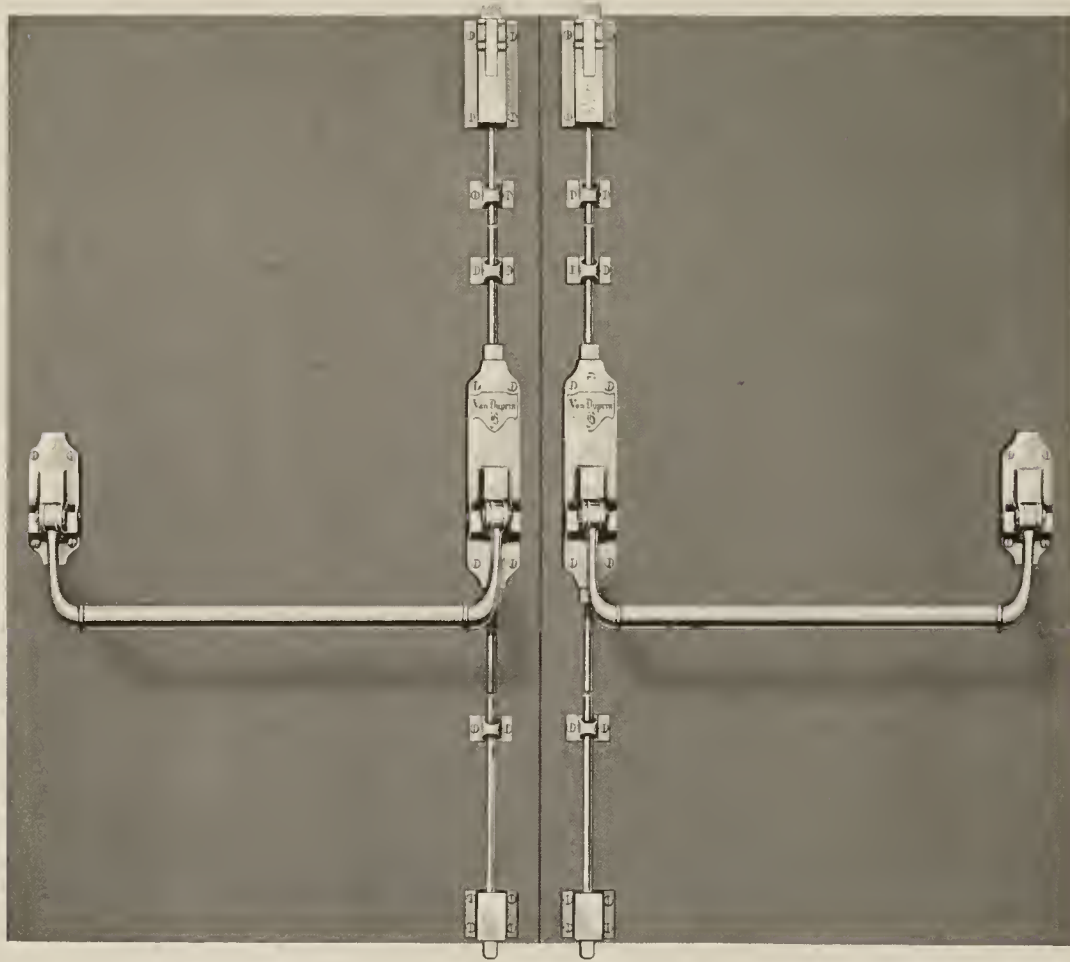
Von Duprin TYPE "B"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS NOT USED

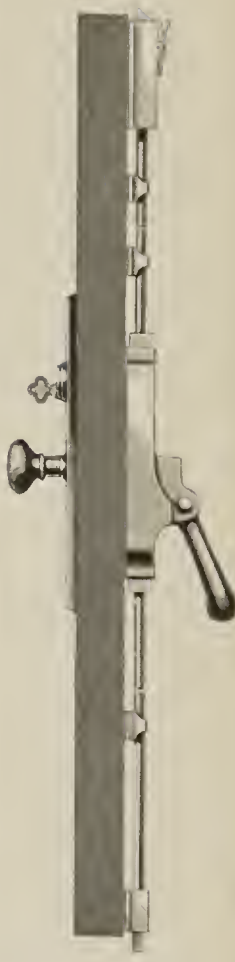


Inactive 1137B



Inactive Door 1137B

Active Door 1133B



Active 1133B

Inside Elevation Combination No. LR11B

Special Features Described on Page 14. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

FOR ACTIVE DOOR

	Cylinder	Lower Strike	Upper Strike	Trim	Spacing	Shipping Weight
Device 1133B	3216	242L	271U	2580	3 $\frac{1}{8}$ "	29 lbs.
Catalog, page	117	122	122	96		
Device 1133Bx2660 Ittner..	3216	242L	271U	2660	3 $\frac{1}{8}$ "	30 lbs.
Catalog, page	117	122	122	97		

FOR INACTIVE DOOR

		Lower Strike	Upper Strike			
Device 1137B	None	242L	271U	None	....	28 lbs.
Catalog, page		122	122			

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix LR indicates latch retractor head, see page 119.

For "travel control" of double doors with overlapping astragal, see page 116A.
Before ordering, see pages 146, 147.

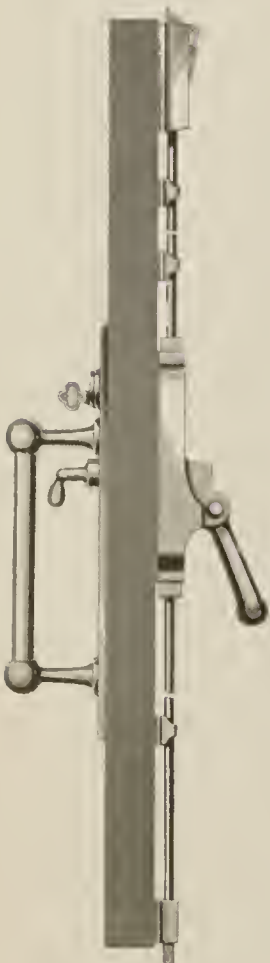
Detail of construction (Functioning Member Parts Chart), see page 133.

VON DUPRIN metal thresholds, see page 120.

Metal Door Reinforcement Chart, see page 132.

Special exterior trims, see pages 96, 97.

Approximate time required for application for estimating purposes, see page 147.



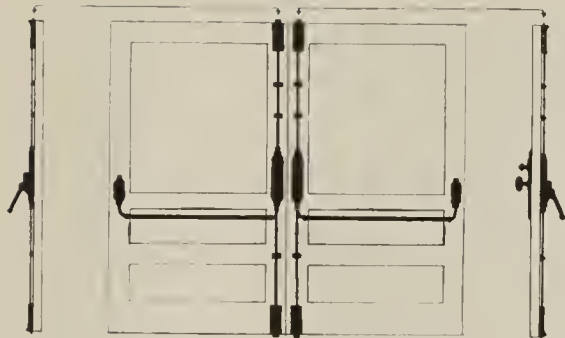
1133Bx2660 Ittner



Special Concrete
Flush Bottom Strike
No. 242L

Practical Combinations for Double Doors

WHERE THRESHOLD IS NOT USED

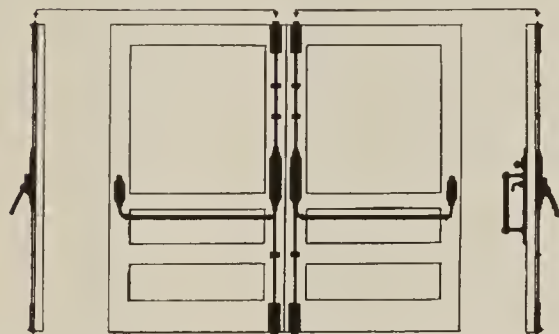


No. 1137B No. 1133B
Combination No. LR11B

COMBINATION NO. LR11B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1137B, Type "B" VON DUPRIN

Active door to be equipped with No. 1133B, Type "B" VON DUPRIN



No. 1137B No. 1133Bx2660 Ittner
Combination No. LR011B

COMBINATION NO. LR011B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1137B, Type "B" VON DUPRIN

Active door to be equipped with No. 1133Bx2660 Ittner,
Type "B" VON DUPRIN

ARCHITECT'S NOTE—If inactive door should have dummy trim, specify so.



No. 1137B No. 1137B
Combination No. LR15B

COMBINATION NO. LR15B DOUBLE EXIT DOORS

Both doors to be equipped with No. 1137B, Type "B" VON DUPRIN

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

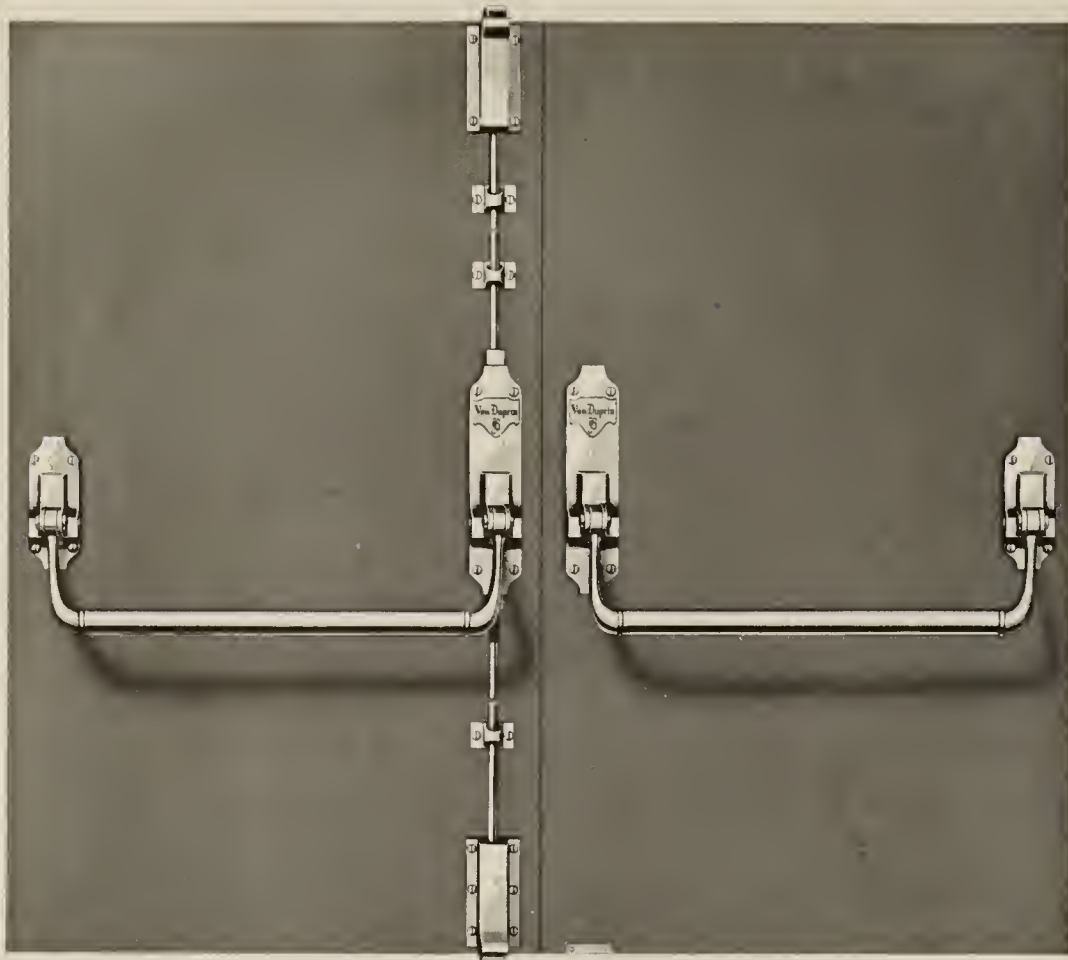
Von Duprin TYPE "B"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS USED



Inactive 1127B



Active 1724B

Inactive Door 1127B Buffer No. 248 Active Door 1724B
 Inside Elevation Combination No. 12B
 Special Features Described on Page 14. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Lock	Cylinder	Adjb Strike	Trim	Buffer	Spacing	Back Set	Shipping Weight
Device 1724B ..	24	3215	247J	2620R	248	4 ⁵ / ₈ "	2 ⁷ / ₈ "	28 lbs.
Catalog, page ..	110	117	125	98	122			
Device NL1724B NL24		3215	247J	NL2620R	248	4 ⁵ / ₈ "	2 ⁷ / ₈ "	28 lbs.
Catalog, page ..	110	117	125	98	122			
Device 1722B ..	22	3215	247J	2590	248	3 ³ / ₂ "	2 ⁷ / ₈ "	28 lbs.
Catalog, page ..	108	117	125	96	122			
Device NL1741B NL24		3215	247J	None	248	4 ⁵ / ₈ "	2 ⁷ / ₈ "	24 lbs.
Catalog, page ..	110	117	125		122			
Device 1730B ..	30	None	294J	None	248	....	3"	23 lbs.
Catalog, page ..	106		125		122			

FOR INACTIVE DOOR

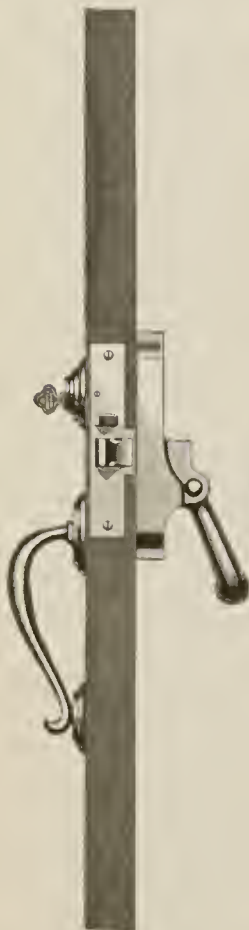
		Lower Strike	Upper Strike				
Device 1127B ..	...	251L	273U	...	....	...	28 lbs.
Catalog, page ..		121	122				

All brass or bronze. Polished brass furnished unless otherwise ordered.
 Prefix NL indicates night latch action.
 Prefix LR indicates latch retractor head, see page 119.

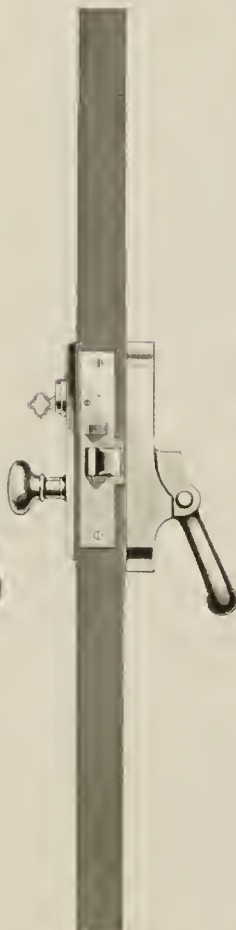


Proper astragal for double doors to insure 100%
 efficiency (full size details, see page 146).

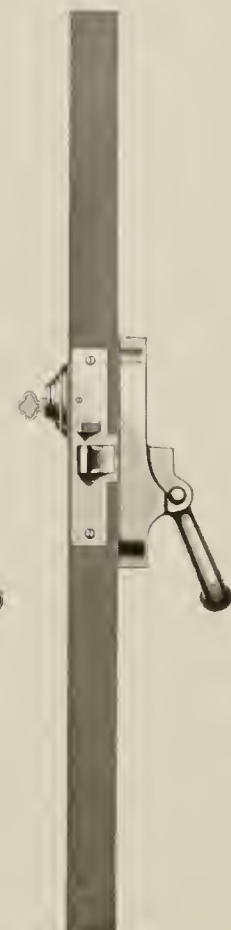
For "travel control" of double doors with overlapping astragal, see page 116A.
 Before ordering, see pages 146, 147.
 Detail of construction (Functioning Member Parts Chart), see page 133.
 VON DUPRIN metal thresholds, see page 120.
 Metal Door Reinforcement Chart, see page 132.
 Special exterior trims, see pages 96, 98, 99.
 Approximate time required for application for estimating purposes, see page 147.



Active NL1724B



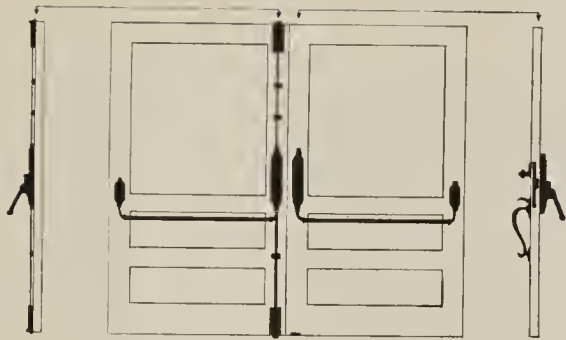
Active 1722B



Active NL1741B

Practical Combinations for Double Doors

WHERE THRESHOLD IS USED

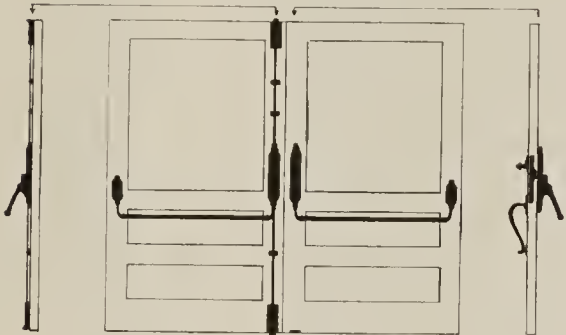


No. 1127B No. 1724B
Combination No. 12B

COMBINATION NO. 12B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1127B, Type "B" VON DUPRIN

Active door to be equipped with No. 1724B, Type "B" VON DUPRIN



No. 1127B No. NL1724B
Combination No. 13B

COMBINATION NO. 13B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1127B, Type "B" VON DUPRIN

Active door to be equipped with No. NL1724B,
Type "B" VON DUPRIN

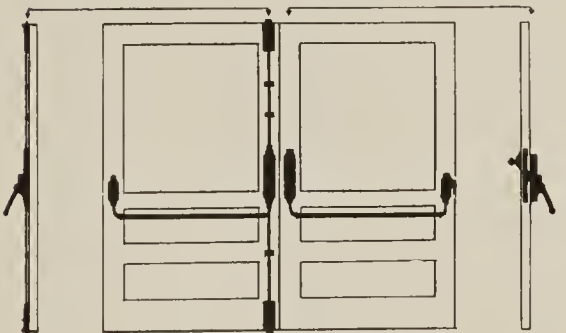


No. 1127B No. 1722B
Combination No. 14B

COMBINATION NO. 14B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1127B, Type "B" VON DUPRIN

Active door to be equipped with No. 1722B, Type "B" VON DUPRIN

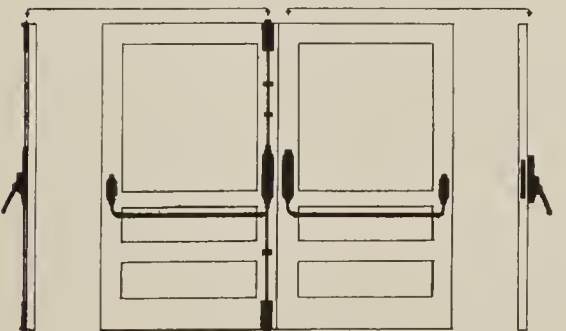


No. 1127B No. NL1741B
Combination No. 14½B

COMBINATION NO. 14½B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1127B, Type "B" VON DUPRIN

Active door to be equipped with No. NL1741B,
Type "B" VON DUPRIN



No. 1127B No. 1730B
Combination No. 16B

COMBINATION NO. 16B DOUBLE EXIT DOORS

Inactive door to be equipped with No. 1127B, Type "B" VON DUPRIN

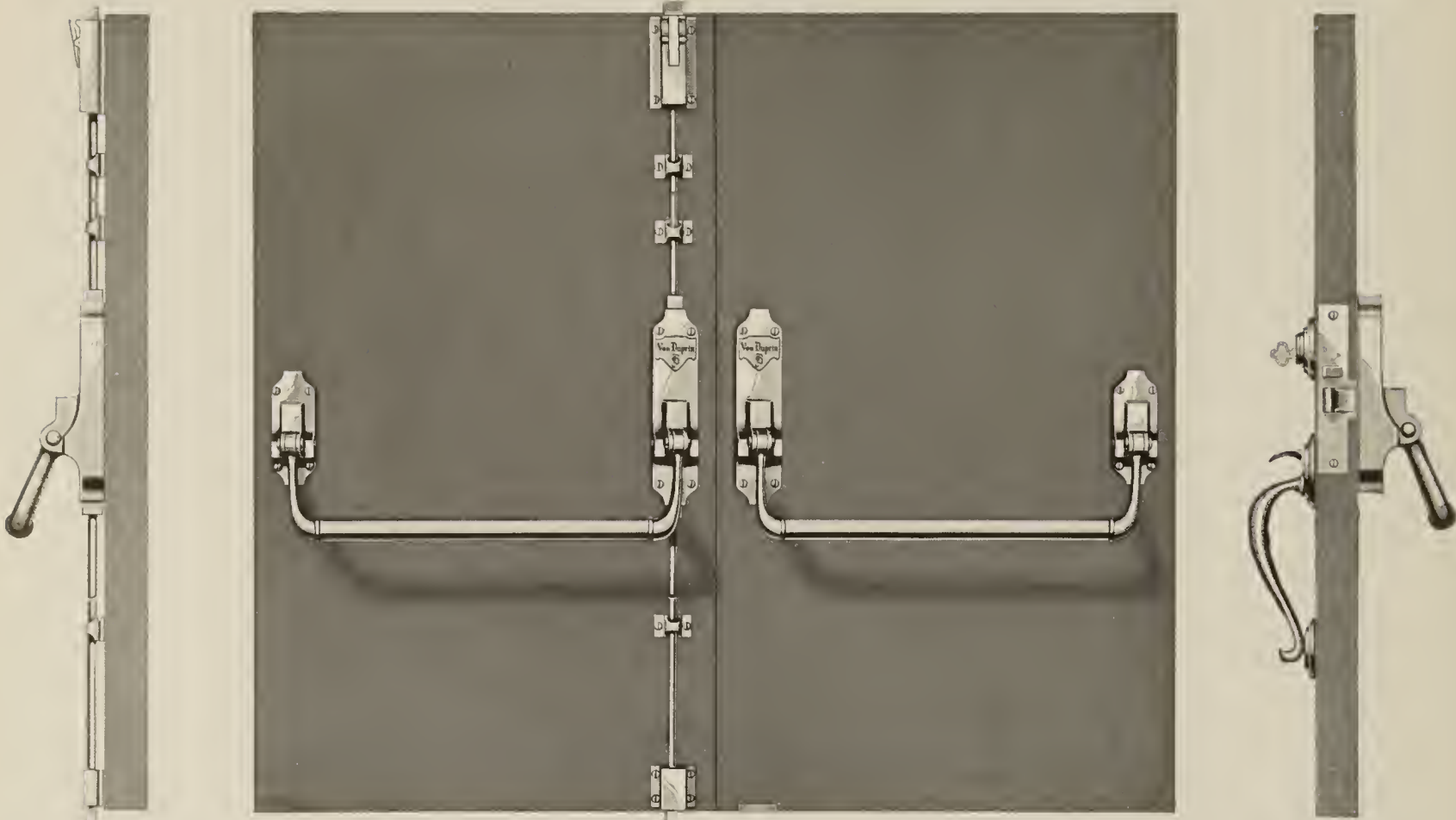
Active door to be equipped with No. 1730 B, Type "B" VON DUPRIN

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations. Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

Von Duprin TYPE "B"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS NOT USED



Inactive 1137B

Inactive Door 1137B Buffer No. 248 Active Door 1724B
Inside Elevation Combination No. LR12B
Special Features Described on Page 14. Not Reversible

Active 1724B

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Lock	Cylinder	Adjble Strike	Trim	Buffer	Spacing	Back Set	Shipping Weight
Device 1724B ..	24	3215	247J	2620R	248	4 $\frac{5}{16}$ "	27 $\frac{3}{8}$ "	28 lbs.
Catalog, page ..	110	117	125	98	122			
Device NL1724B NL24		3215	247J	NL2620R	248	4 $\frac{5}{16}$ "	27 $\frac{3}{8}$ "	28 lbs.
Catalog, page ..	110	117	125	98	122			
Device 1722B ..	22	3215	247J	2590	248	3 $\frac{3}{4}$ "	27 $\frac{3}{8}$ "	28 lbs.
Catalog, page ..	108	117	125	96	122			
Device NL1741B NL24		3215	247J	None	248	4 $\frac{5}{16}$ "	27 $\frac{3}{8}$ "	24 lbs.
Catalog, page ..	110	117	125		122			
Device 1730B ..	30	None	294J	None	248	....	3"	23 lbs.
Catalog, page ..	106		125		122			

FOR INACTIVE DOOR

	Lower Strike	Upper Strike						
Device 1137B	242L	271U	...	...	...	28 lbs.
Catalog, page ..			122	122				

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.
Prefix LR indicates latch retractor head, see page 119.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).



Special Concrete Flush Strike No. 242L

For "travel control" of double doors with overlapping astragal, see page 116A.
Before ordering, see pages 146, 147.
Detail of construction (Functioning Member Parts Chart), see page 133.
VON DUPRIN metal thresholds, see page 120.
Metal Door Reinforcement Chart, see page 132.
Special exterior trims, see pages 96, 98, 99.
Approximate time required for application for estimating purposes, see page 147.



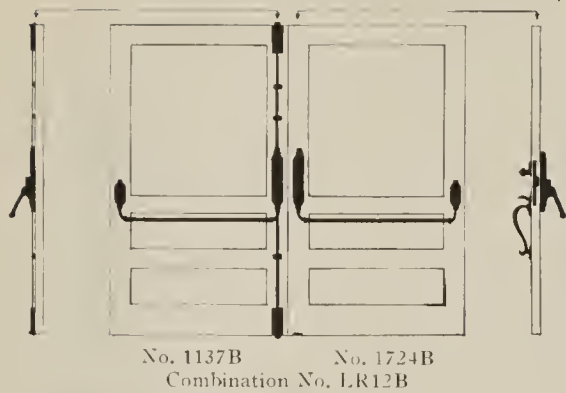
Active NL1724B

Active 1722B

Active NL1741B

Practical Combinations for Double Doors

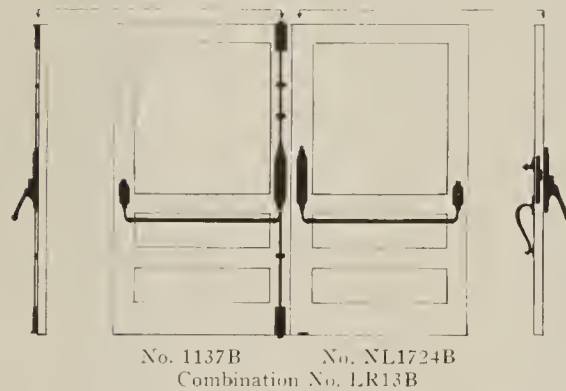
WHERE THRESHOLD IS NOT USED



COMBINATION NO. LR12B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1137B, Type "B" VON DUPRIN

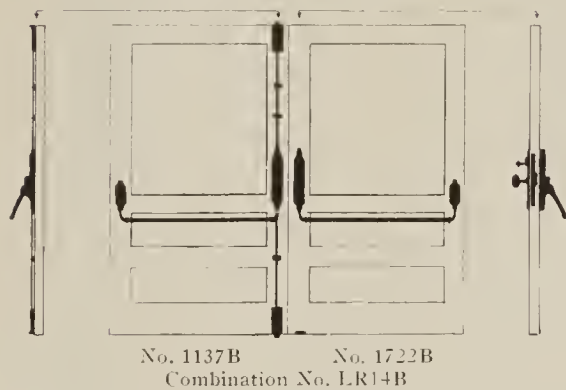
Active door to be equipped with No. 1724B, Type "B" VON DUPRIN



COMBINATION NO. LR13B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1137B, Type "B" VON DUPRIN

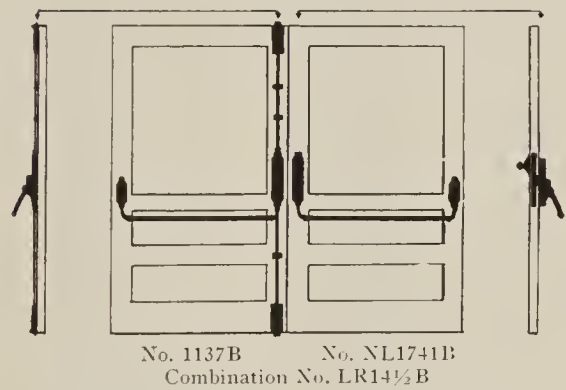
Active door to be equipped with No. NL1724B,
Type "B" VONDUPRIN



COMBINATION NO. LR14B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1137B, Type "B" VON DUPRIN

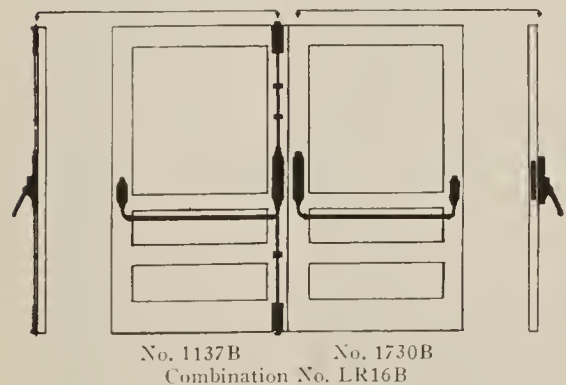
Active door to be equipped with No. 1722B, Type "B" VON DUPRIN



COMBINATION NO. LR14½B MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 1137B, Type "B" VON DUPRIN

Active door to be equipped with No. NL1741B,
Type "B" VON DUPRIN



COMBINATION NO. LR16B DOUBLE EXIT DOORS

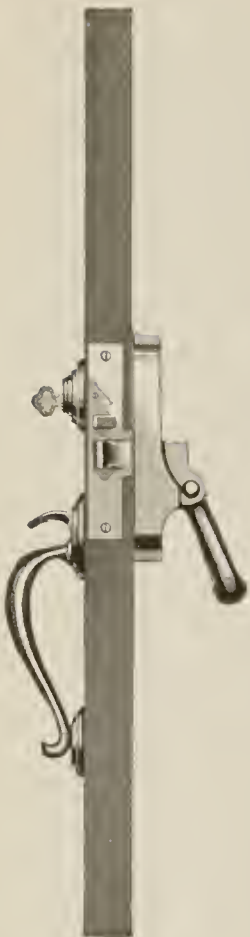
Inactive door to be equipped with No. 1137B, Type "B" VON DUPRIN

Active door to be equipped with No. 1730B, Type "B" VON DUPRIN

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.
Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

Von Duprin TYPE "B"

For Single Entrance Doors Opening Outward



1124B



Inside Elevation

Special Features Described on Page 14. Not Reversible



NL1124B

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Cylinder	Strike Collapsible	Trim	Spacing	Back Set	Shipping Weight
Device 1124B	24	3215	250J	2620R	4 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "	28 lbs.
Catalog, page	110	117	124	98			
Device NL1124B.. NL24		3215	250J	NL2620R	4 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "	28 lbs.
Catalog, page	110	117	124	98			
Device 1122B	22	3215	250J	2590	3 $\frac{3}{4}$ "	2 $\frac{7}{8}$ "	28 lbs.
Catalog, page	108	117	124	96			
Device NL1141B.. NL24		3215	250J	None	4 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "	24 lbs.
Catalog, page	110	117	124				

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.

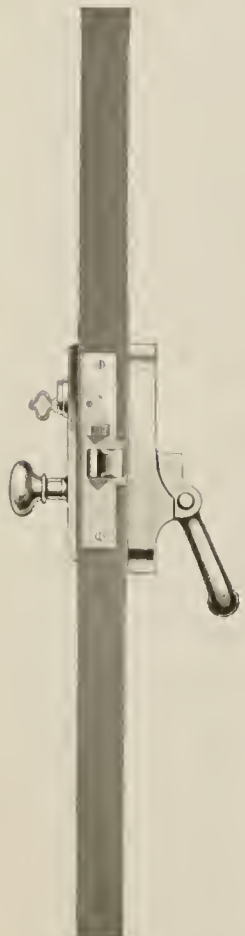
Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 133.

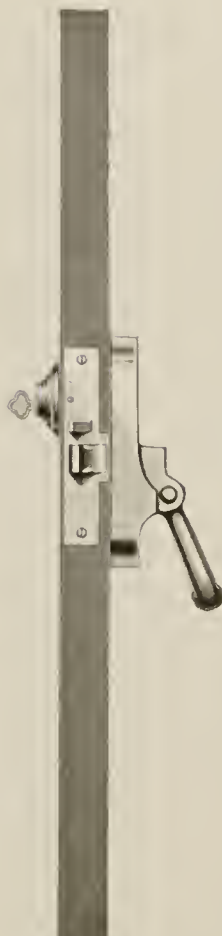
Metal Door Reinforcement Chart, see page 132.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.



1122B



NL1141B

Won Duprin TYPE "B"

For Single Doors Opening Outward

CORRIDOR TO FIRE TOWERS—FIRE ESCAPE DOORS



K1126B



Inside Elevation

Special Features Described on Page 14. Not Reversible



1130B



1129 1/2 B



1129B

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Lock	Strike	Trim	Back Set	Shipping Weight
Device K1126B	26K	226J	2610	2 1/2"	25 lbs.
Catalog, page	107	124	96		
Device 1129B	29	226J	None	2 1/2"	25 lbs.
Catalog, page	106	124			
Device 1129 1/2 B	R29 1/2	229RJ	None	2 3/4"	25 lbs.
Catalog, page	106	124			
Device 1130B	30	307J	None	3"	25 lbs.
Catalog, page	106	124			

All brass or bronze. Polished brass furnished unless otherwise ordered.
Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 133.

Metal Door Reinforcement Chart, see page 132.

Special exterior trims, see page 96.

Approximate time required for application for estimating purposes, see page 147.

Type "C"

For Doors Opening Outward

(NOT REVERSIBLE), SINGLE-ACTING CROSS BAR, TOWARD THE DOOR

The following pages 27 to 37 show Type "C"

THE HIGHEST GRADE single acting extra heavy mortise lock type panic device, embodying such of the Type "B" refinements as are shown below. In size and contour same as Type "B".

Symmetrically designed, sturdy in construction.

Featured to unlatch latch bolts from inside by touch against cross bar at any point at all times.

All interior parts are made of special hard brass, bars and external members are made of brass or bronze.

Feature No.	FEATURES	As Type "B"	
		Feature No.	Page
1.	Cross bar single-acting (toward door), full 1" 16-gauge seamless brass or bronze tube.....	1	14
2.	Improved method of dogging the cross bars down—a direct drive into the lever arm controlled by two-point key. The housing is lined with seamless steel sleeve (see feature 11), a drive fit. Dogging feature furnished on both ends of the cross bar, insuring absolute rigidity	3	14
3.	New axle so constructed that axle cannot lose out or be removed by children.....	4	14
4.	Easy spring Pullman-type long-swing vertical latches subject to normal check operation (entirely independent of each other).....	5	14
5.	Special phosphorus bronze wire compression springs in main case augmented by phosphorus bronze compression spring in hinged end case of cross bar.....	6	14
6.	Working parts machined and milled. Stumps receiving unusual shocks and wear are covered with case-hardened steel sleeves eliminating friction and wear.....	7	14
7.	Buffer Plates No. 248 for active door of double doors, preventing crowding of door past the strike engagement plane, which function would release auxiliary bolt and permit picking of main latch or lock bolt with knife or other instrument.....	10	14
8.	Cross bar levers showing hole drilled for axle and dogging feature, housing of dogging feature hole is lined with case-hardened steel sleeves, eliminating all friction and wear.....	11	14
9.	Long-life cylinder locks made especially for panic bolt service, see pages 108 to 116.		

Illustration of feature of interior works, Type "C", will be found on page 135.

For detailed information regarding "Type C", see pages 27 to 37.

Refer to page 149 for guide of other VON DUPRIN devices than Type "B" and their numbers comparable for general operation, using Type "B" as a basis.

See pages 111 and 145 for other manufacturers' competitive devices.

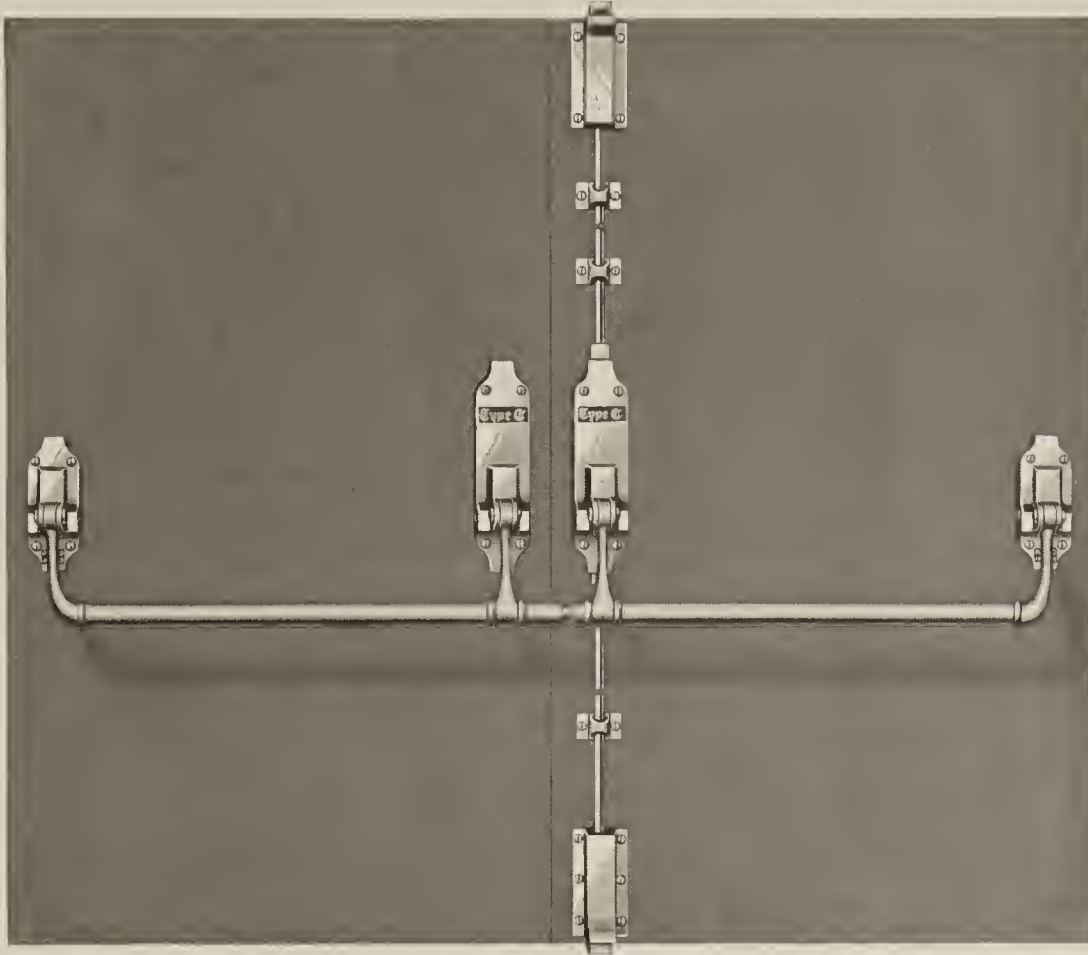
TYPE "C"

For Double Exit Doors Opening Outward

WHERE THRESHOLD IS USED

Both doors equipped with a complete device is preferable (see Combination No. 65C, page 29). No. 6172C, however, is more economical in price. Has no outside unlatching feature.

NOT SATISFACTORY ON DOORS LESS THAN 28" WIDE WITH 5" STILES.



Inside Elevation 6172C
Special Features Described on Page 26. Not Reversible

OPERATION

Featured to unlatch latch bolts from inside by TOUCH AGAINST BAR AT ANY POINT. Latch bolts can be dogged in retracted position by cylindrical lock feature on main cross bar case, and on hinged end of cross bar case, insuring absolute rigidity.

Latch Case No. 20C, see page 135.

If no threshold is used, use No. LR272 Latch Retractor Head, see page 119. On special order only, specify LR6172C.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lower Strike	Upper Strike	Shipping Weight
Device 6172C	251L	273U	38 lbs.
Catalog, page	121	122	

For "travel control" of double doors with overlapping astragal, see page 116A. Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 135.

VON DUPRIN metal thresholds, see page 120.

Metal Door Reinforcement Chart, see page 134.

Approximate time required for application for estimating purposes, see page 147.



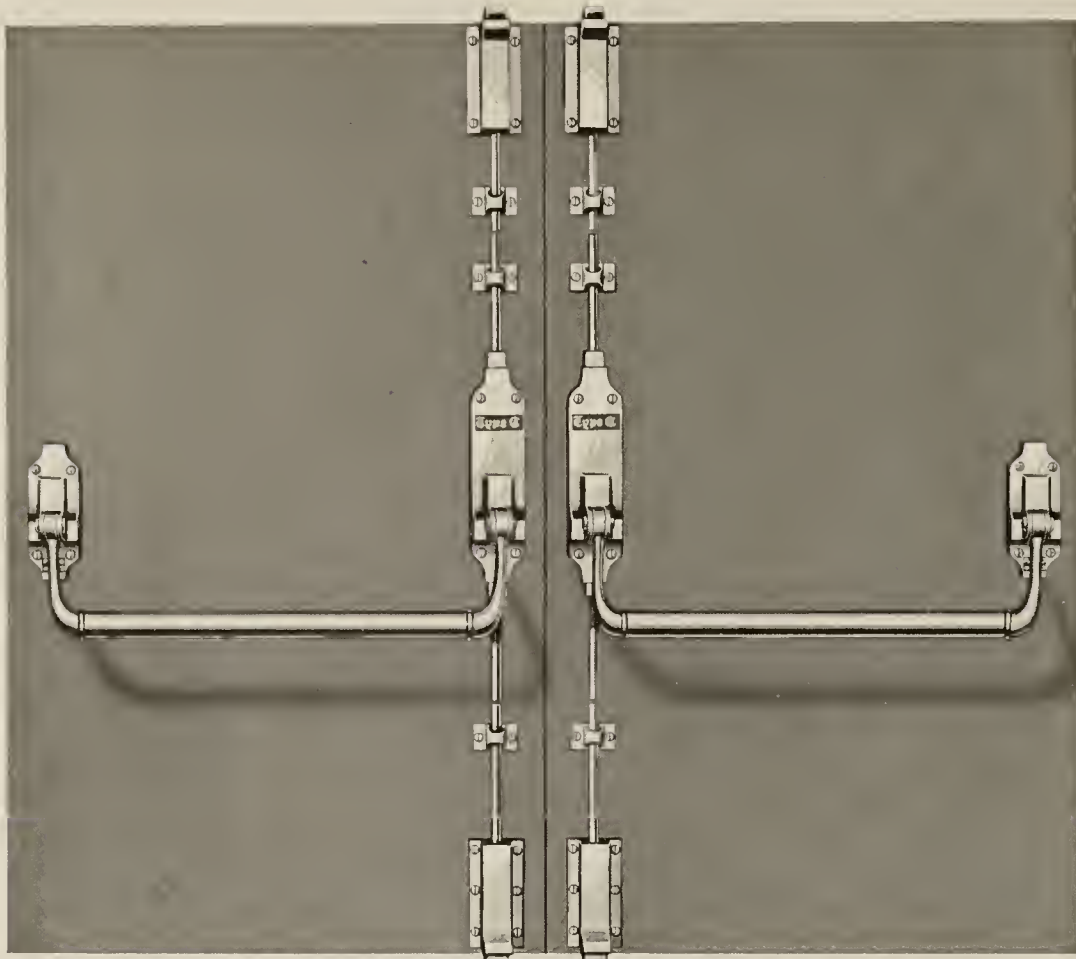
6172C

TYPE "C"

For Double Entrance Doors Opening Outward
WHERE THRESHOLD IS USED



Inactive 6127C

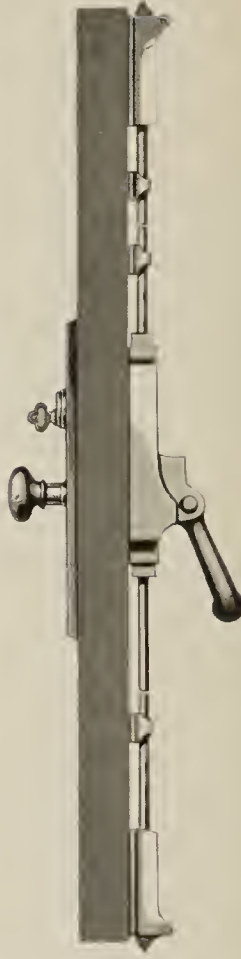


Inside Elevation Combination No. 61C

Inactive Door 6127C

Active Door 6123C

Special Features Described on Page 26. Not Reversible



Active 6123C

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Cylinder	Lower Strike	Upper Strike	Trim	Spacing	Shipping Weight
Device 6123C	3216	251L	273U	2580	3 1/8"	29 lbs.
Catalog, page	117	121	122	96		
Device 6123Cx2660	3216	251L	273U	2660	3 1/8"	29 lbs.
Catalog, page	117	121	122	97		

FOR INACTIVE DOOR

		Lower Strike	Upper Strike			
Device 6127C	None	251L	273U	....	....	28 lbs.
Catalog, page		121	122			

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix LR indicates latch retractor head, see page 119.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

For "travel control" of double doors with overlapping astragal, see page 116A.
Before ordering, see pages 146, 147.

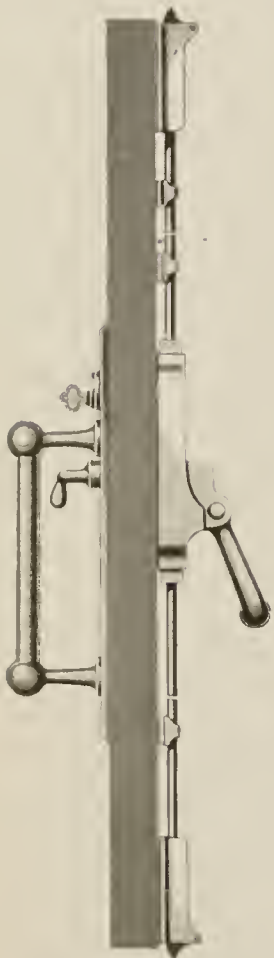
Detail of construction (Functioning Member Parts Chart), see page 135.

VON DUPRIN metal thresholds, see page 120.

Metal Door Reinforcement Chart, see page 134.

Special exterior trims, see pages 96, 97.

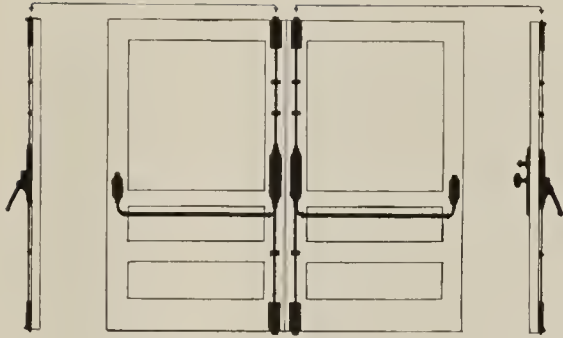
Approximate time required for application for estimating purposes, see page 147.



6123Cx2660

Practical Combinations for Double Doors

WHERE THRESHOLD IS USED

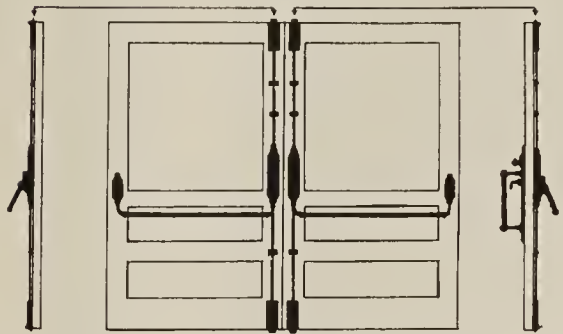


No. 6127C No. 6123C
Combination No. 61C

COMBINATION NO. 61C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6127C, Type "C"

Active door to be equipped with No. 6123C, Type "C"

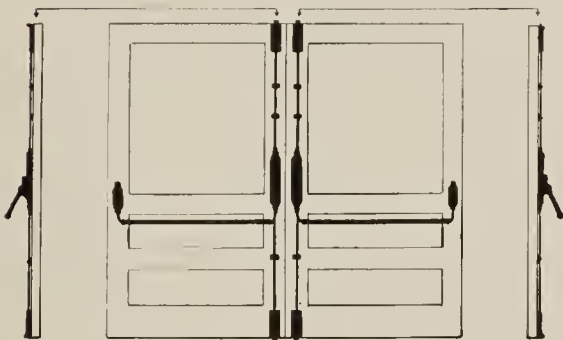


No. 6127C No. 6123Cx2660
Combination No. 061C

COMBINATION NO. 061C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6127C, Type "C"

Active door to be equipped with No. 6123Cx2660, Type "C"



No. 6127C No. 6127C
Combination No. 65C

COMBINATION NO. 65C DOUBLE EXIT DOORS

Both doors to be equipped with No. 6127C, Type "C"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

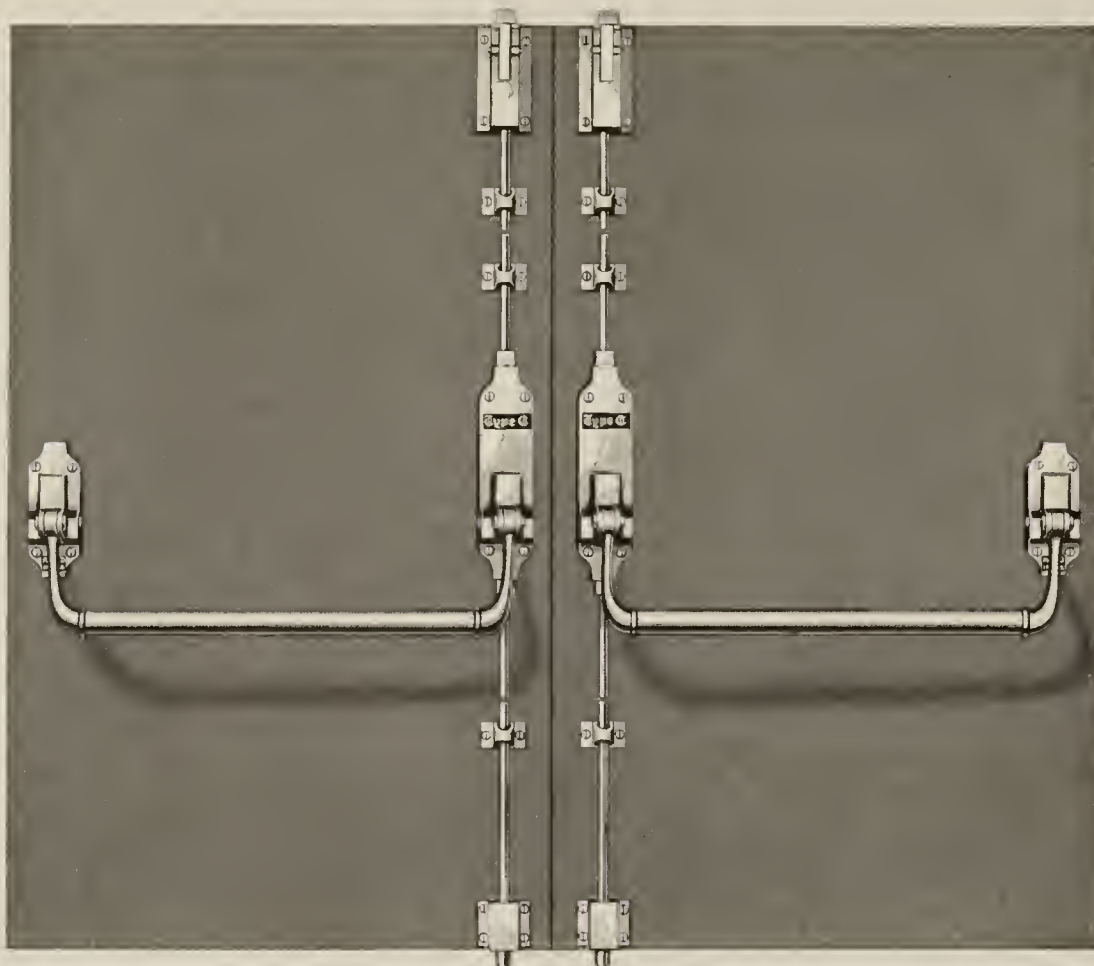
TYPE "C"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS NOT USED



Inactive 6137C



Inside Elevation Combination No. LR61C

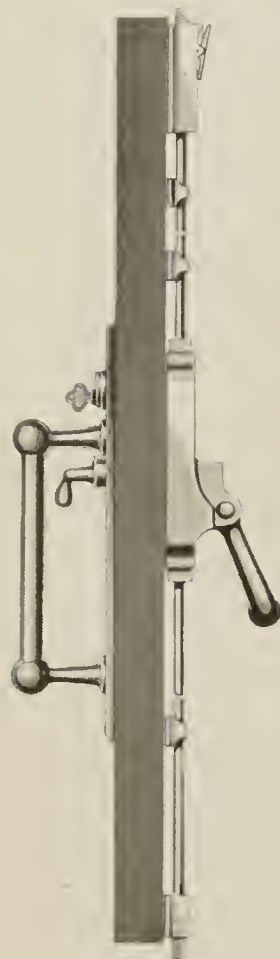
Inactive Door 6137C

Active Door 6133C

Special Features Described on Page 26. Not Reversible



Active 6133C



6133Cx2660



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Cylinder	Lower Strike	Upper Strike	Trim	Spacing	Shipping Weight
Device 6133C	3216	242L	271U	2580	3 1/8"	28 lbs.
Catalog, page	117	122	122	96		
Device 6133Cx2660	3216	242L	271U	2660	3 1/8"	29 lbs.
Catalog, page	117	122	122	97		

FOR INACTIVE DOOR

		Lower Strike	Upper Strike		
Device 6137C	None	242L	271U	None	27 lbs.
Catalog, page		122	122		

All brass or bronze. Polished brass furnished unless otherwise ordered. Prefix LR indicates latch retractor head, see page 119.

For "travel control" of double doors with overlapping astragal, see page 116A. Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 135.

VON DUPRIN metal thresholds, see page 120.

Metal Door Reinforcement Chart, see page 134.

Special exterior trims, see pages 96, 97.

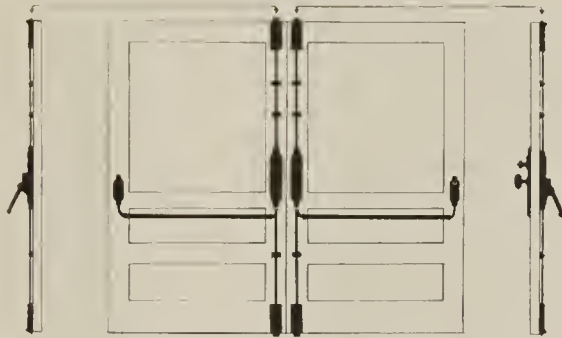
Approximate time required for application for estimating purposes, see page 147.



Special Concrete
Flush Bottom Strike
No. 242L

Practical Combinations for Double Doors

WHERE THRESHOLD IS NOT USED

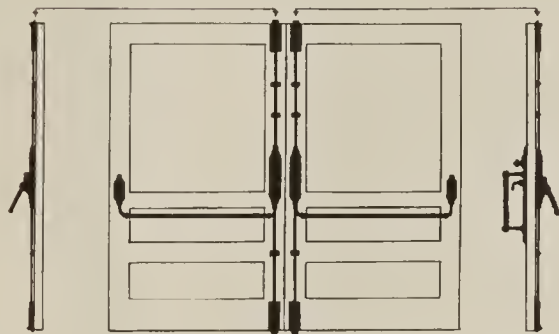


No. 6137C No. 6133C
Combination No. LR61C

COMBINATION NO. LR61C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6137C, Type "C"

Active door to be equipped with No. 6133C, Type "C"



No. 6137C No. 6133Cx2660
Combination No. LR061C

COMBINATION NO. LR061C, MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6137C, Type "C"

Active door to be equipped with No. 6133Cx2660, Type "C"

ARCHITECT'S NOTE—If inactive door should have dummy trim, specify so.



No. 6137C No. 6137C
Combination No. LR65C

COMBINATION NO. LR65C DOUBLE EXIT DOORS

Both doors to be equipped with No. 6137C, Type "C"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

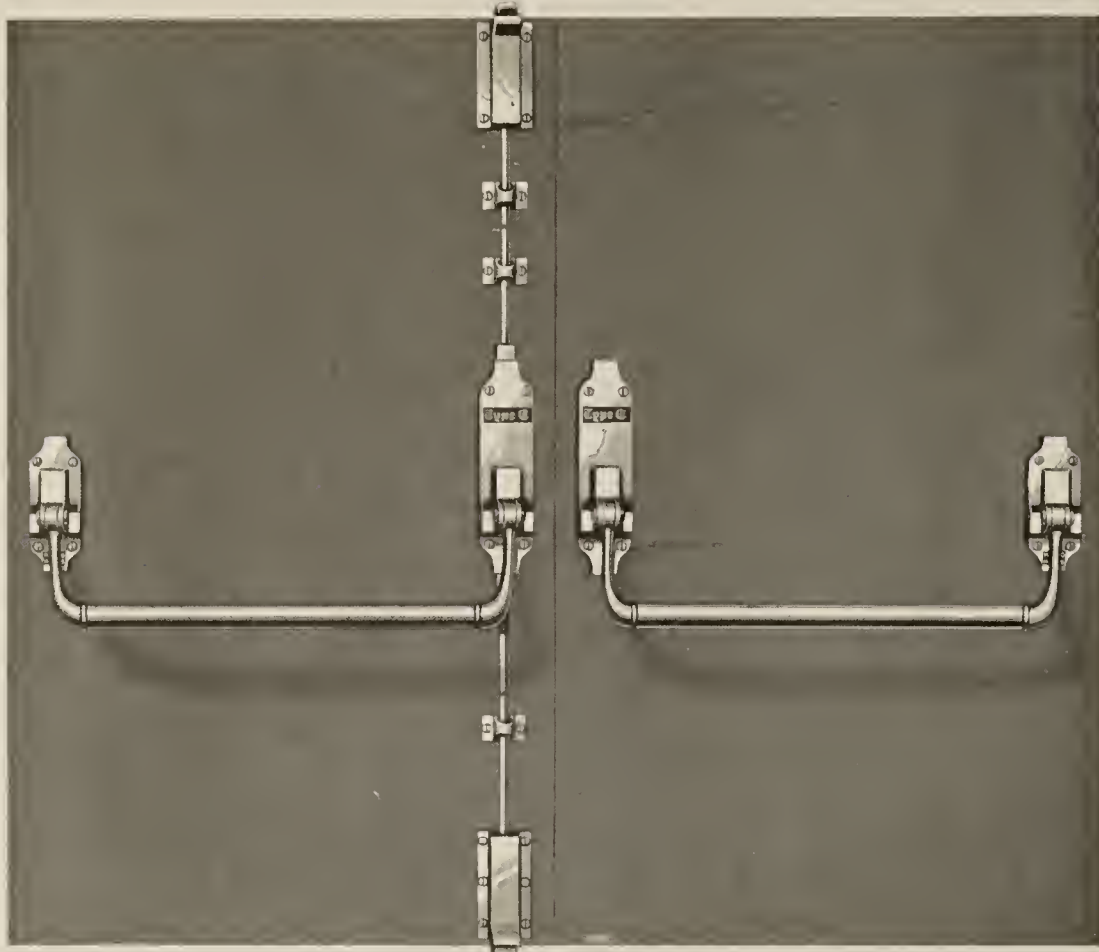
TYPE "C"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS USED



Inactive 6127C

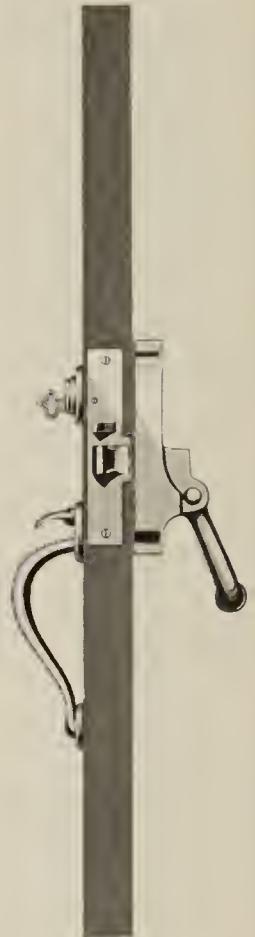


Inactive Door 6127C

Buffer No. 248

Active Door 6724C

Inside Elevation Combination No. 62C
Special Features Described on Page 26. Not Reversible



Active 6724C

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Lock	Cylinder	Strike	Trim	Buffer	Spacing	Back Set	Shipping Weight
Device 6724C.....	24	3215	245J	2640R	248	4 ⁵ / ₁₆ "	2 ⁷ / ₈ "	28 lbs.
Catalog, page.....	110	117	125	98	122			
Device NL6724C..	NL24	3215	245J	NL2640R	248	4 ⁵ / ₁₆ "	2 ⁷ / ₈ "	27 lbs.
Catalog, page.....	110	117	125	98	122			
Device 6722C.....	22	3215	245J	2590	248	3 ⁷ / ₂ "	2 ⁷ / ₈ "	27 lbs.
Catalog, page.....	108	117	125	96	122			
Device NL6741C..	NL24	3215	245J	None	248	4 ⁵ / ₁₆ "	2 ⁷ / ₈ "	23 lbs.
Catalog, page.....	110	117	125		122			
Device 6730.....	30	None	294J	None	248		3"	21 lbs.
Catalog, page.....	106		125		122			

FOR INACTIVE DOOR

		Lower Strike	Upper Strike				Shipping Weight
Device 6127C.....	...	251L	273U	...	...	...	27 lbs.
Catalog, page.....		121	122				

All brass or bronze. Polished brass furnished unless otherwise ordered.

Prefix NL indicates night latch action.

Prefix LR indicates latch retractor head, see page 119.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

For "travel control" of double doors with overlapping astragal, see page 116A.

To overcome door shrinkage, see Adjustable Strike No. 247J (can be furnished at additional charge), see page 113.

Before ordering, see pages 146, 147.

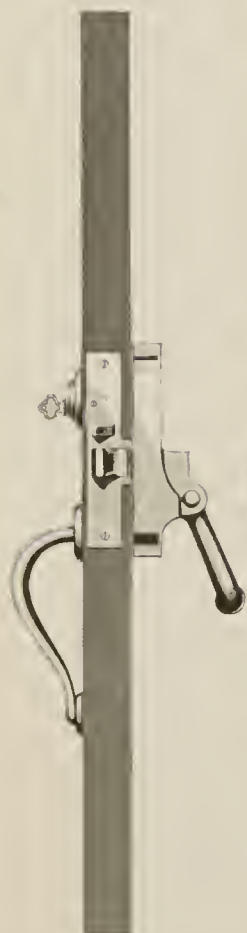
Detail of construction (Functioning Member Parts Chart), see page 135.

VON DUPRIN metal thresholds, see page 120.

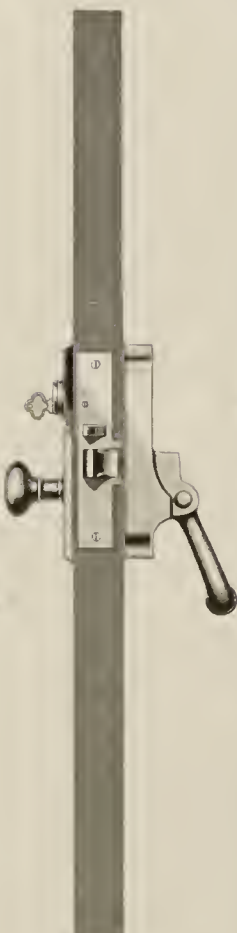
Metal Door Reinforcement Chart, see page 134.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.



Active NL6724C



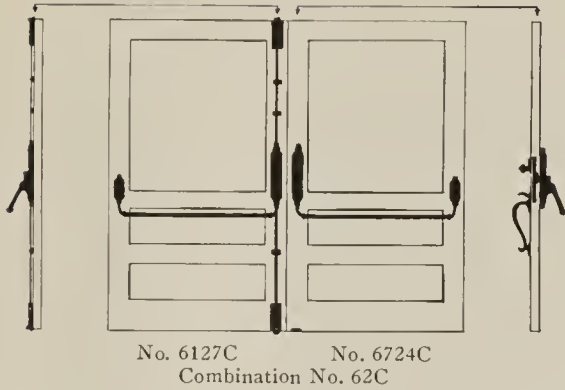
Active 6722C



Active NL6741C

Practical Combinations for Double Doors

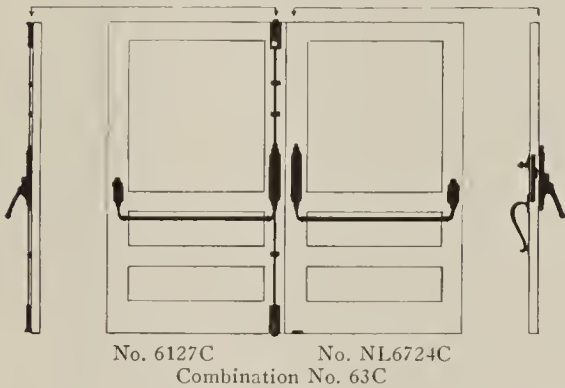
WHERE THRESHOLD IS USED



COMBINATION NO. 62C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6127C, Type "C"

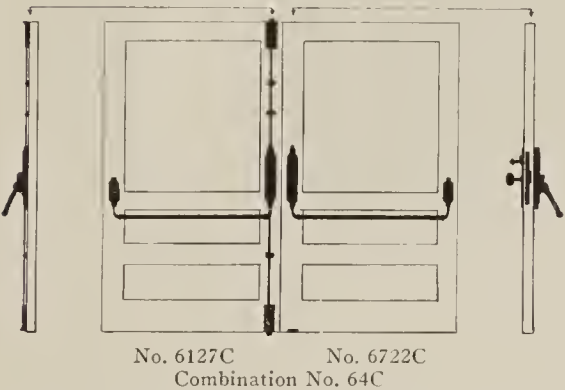
Active door to be equipped with No. 6724C, Type "C"



COMBINATION NO. 63C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6127C, Type "C"

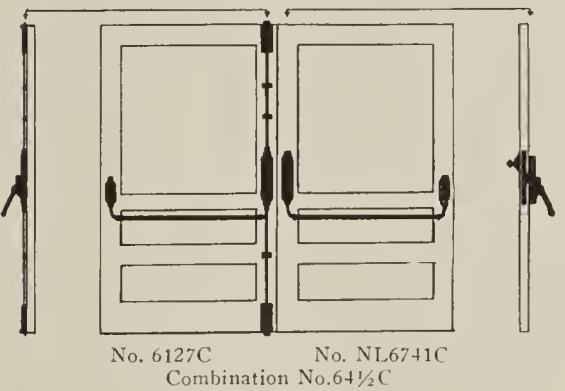
Active door to be equipped with No. NL6724C, Type "C"



COMBINATION NO. 64C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6127C, Type "C"

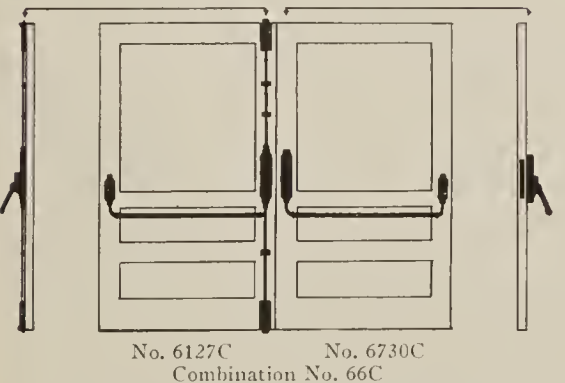
Active door to be equipped with No. 6722C, Type "C"



COMBINATION NO. 64½C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6127C, Type "C"

Active door to be equipped with No. NL6741C, Type "C"



COMBINATION NO. 66C DOUBLE EXIT DOORS

Inactive door to be equipped with No. 6127C, Type "C"

Active door to be equipped with No. 6730C, Type "C"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations. Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

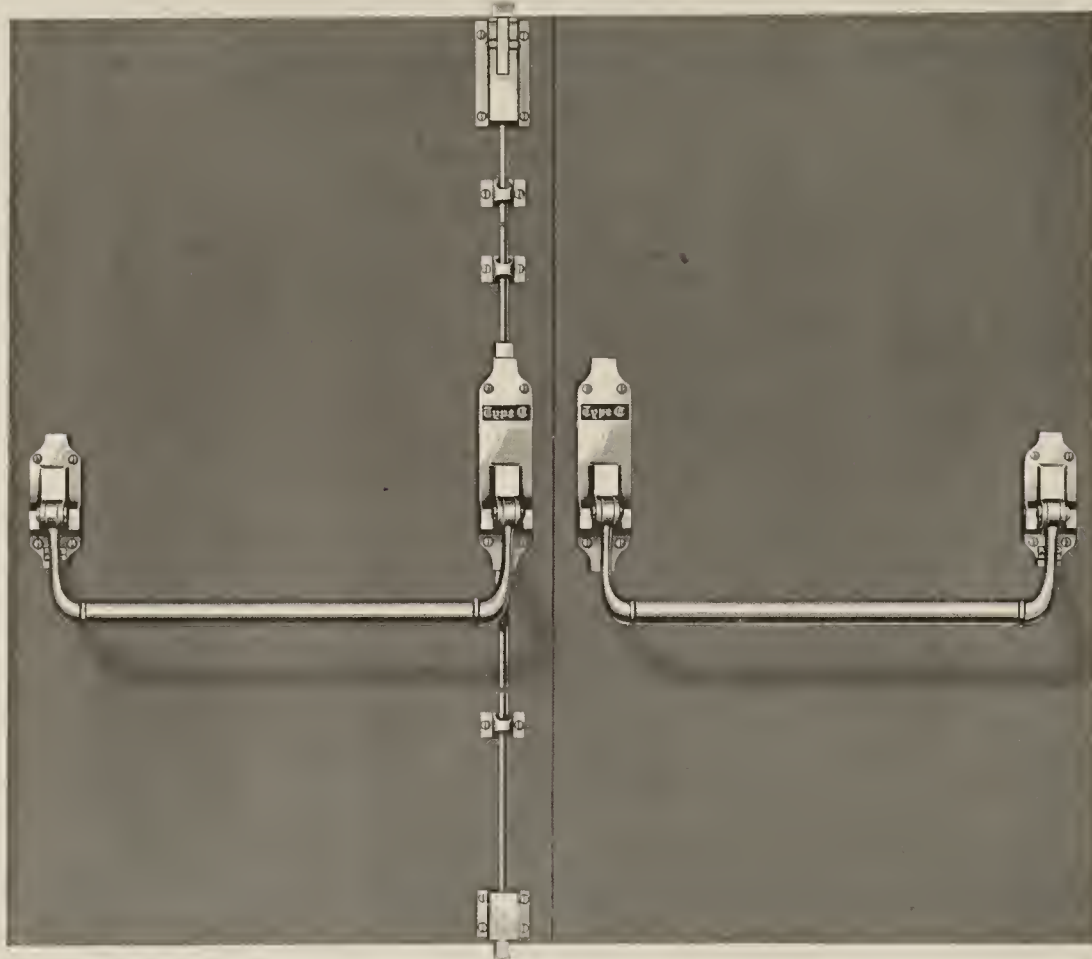
TYPE "C"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS NOT USED



Inactive 6137C



Inactive Door 6137C

Buffer No. 248

Active Door 6724C



Active 6724C

Inside Elevation Combination No. LR62
Special Features Described on Page 26. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

FOR ACTIVE LOCK								Shipping
	Lock	Cylinder	Strike	Trim	Buffer	Spacing	Back Set	Weight
Device 6724C.....	24	3215	245J	2640R	248	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	28 lbs.
Catalog, page.....	110	117	125	98	122			
Device NL6724C..	NL24	3215	245J	NL2640R	248	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	27 lbs.
Catalog, page.....	110	117	125	98	122			
Device 6722C.....	22	3215	245J	2590	248	3 $\frac{5}{2}$ "	2 $\frac{7}{8}$ "	27 lbs.
Catalog, page.....	108	117	125	96	122			
Device NL6741C..	NL24	3215	245J	None	248	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	23 lbs.
Catalog, page.....	110	117	125		122			
Device 6730.....	30	None	294J	None	248		3"	22 lbs.
Catalog, page.....	106		125		122			

FOR INACTIVE DOOR

	Lower Strike	Upper Strike	Shipping Weight
Device 6137C.....	242L	271U	27 lbs.
Catalog, page.....	122	122	

All brass or bronze. Polished brass furnished unless otherwise ordered.

Prefix NL indicates night latch action.

Prefix LR indicates latch retractor head, see page 119.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).



Special Concrete Flush Strike No. 242L

For "travel control" of double doors with overlapping astragal, see page 116A.
To overcome door shrinkage, see Adjustable Strike No. 247J (can be furnished at additional charge), see page 123.

Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 135.

VON DUPRIN metal thresholds, see page 120.

Metal Door Reinforcement Chart, see page 134.

Special exterior trims, see pages 96, 98, 99.

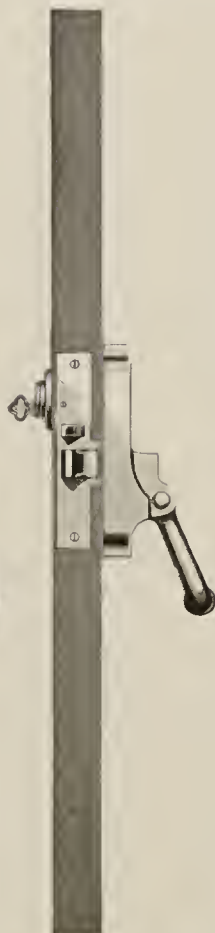
Approximate time required for application for estimating purposes, see page 147.



Active NL 6724C



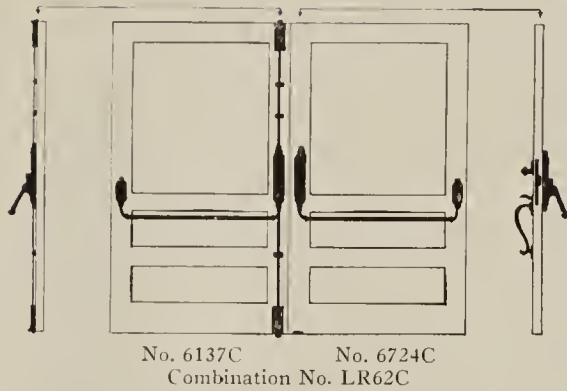
Active 6722C



Active NL6741C

Practical Combinations for Double Doors

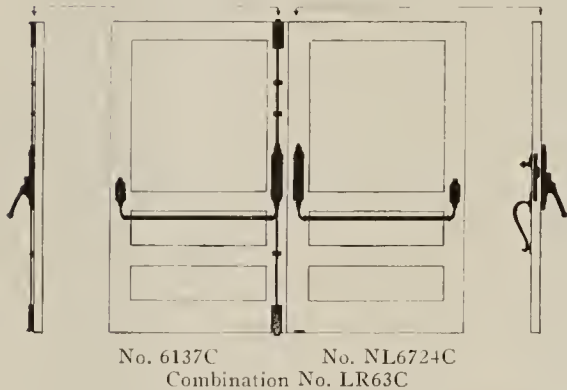
WHERE THRESHOLD IS NOT USED



COMBINATION NO. LR62C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6137C, Type "C"

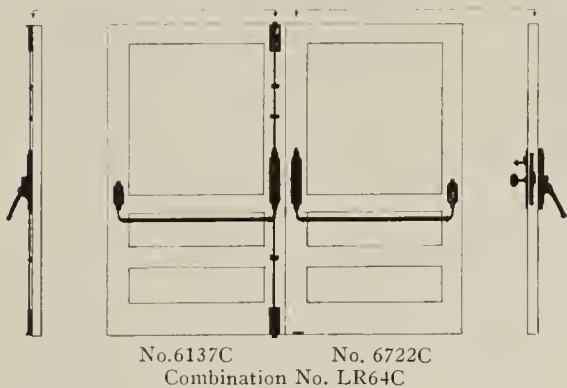
Active door to be equipped with No. 6724C, Type "C"



COMBINATION NO. LR63C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6137C, Type "C"

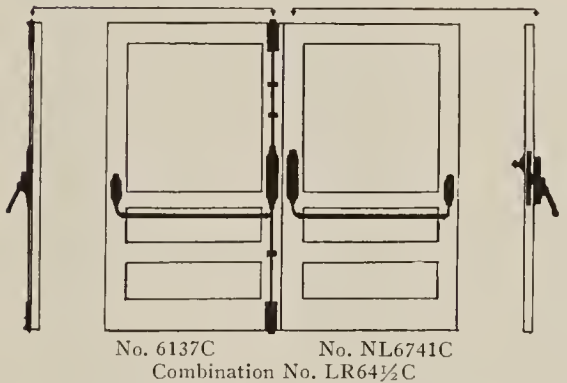
Active door to be equipped with No. NL6724C, Type "C"



COMBINATION NO. LR64C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6137C, Type "C"

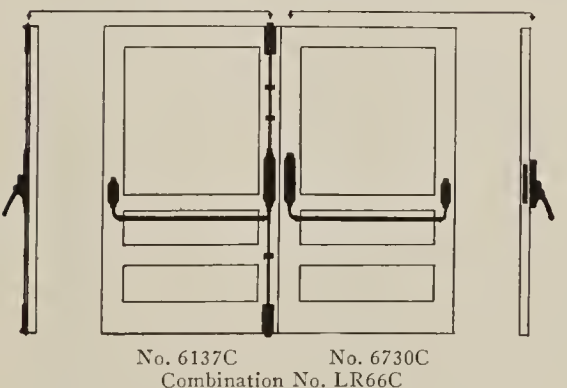
Active door to be equipped with No. 6722C, Type "C"



COMBINATION NO. LR64½C MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 6137C, Type "C"

Active door to be equipped with No. NL6741C, Type "C"



COMBINATION NO. LR66C DOUBLE EXIT DOORS

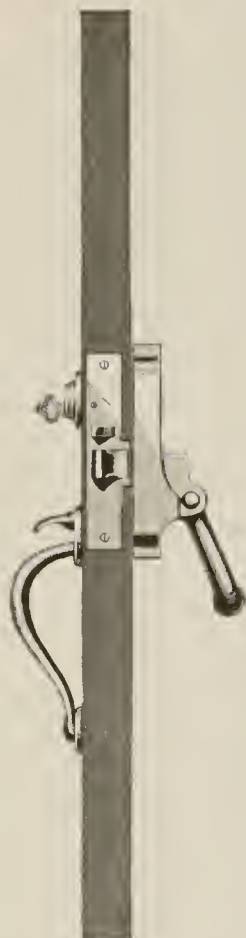
Inactive door to be equipped with No. 6137C, Type "C"

Active door to be equipped with No. 6730C, Type "C"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations. Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

TYPE "C"

For Single Entrance Doors Opening Outward

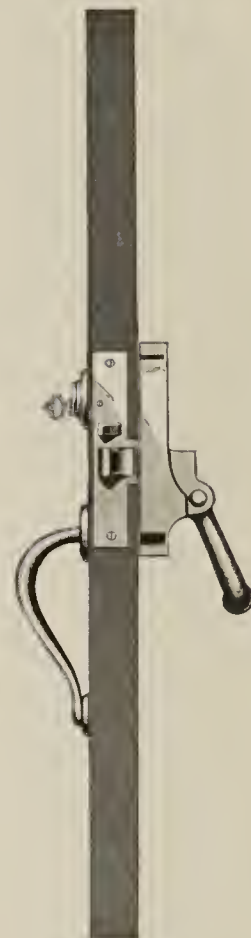


6124C



Inside Elevation

Special Features Described on Page 26. Not Reversible



NL6124C

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 6124C	24	3215	244J	2640R	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	27 lbs.
Catalog, page	110	117	124	98			
Device NL6124C	NL24	3215	244J	NL2640R	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	27 lbs.
Catalog, page	110	117	124	98			
Device 6122C	22	3215	244J	2590	3 $\frac{7}{32}$ "	2 $\frac{7}{8}$ "	27 lbs.
Catalog, page	108	117	124	96			
Device NL6141C	NL24	3215	244J	None	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	23 lbs.
Catalog, page	110	117	124				

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.

Collapsible Strike No. 250J (can be furnished at an additional charge), see page 123.

Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 135.

Metal Door Reinforcement Chart, see page 134.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.



6122C

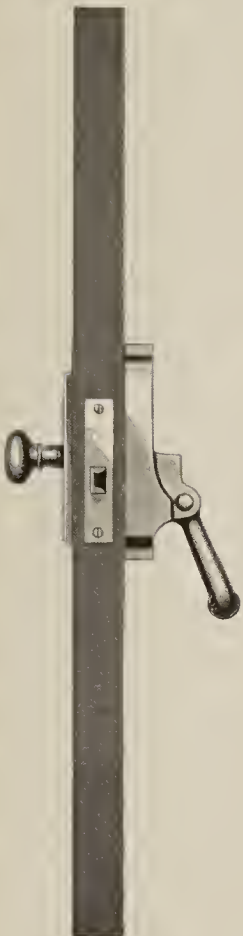


NL6141C

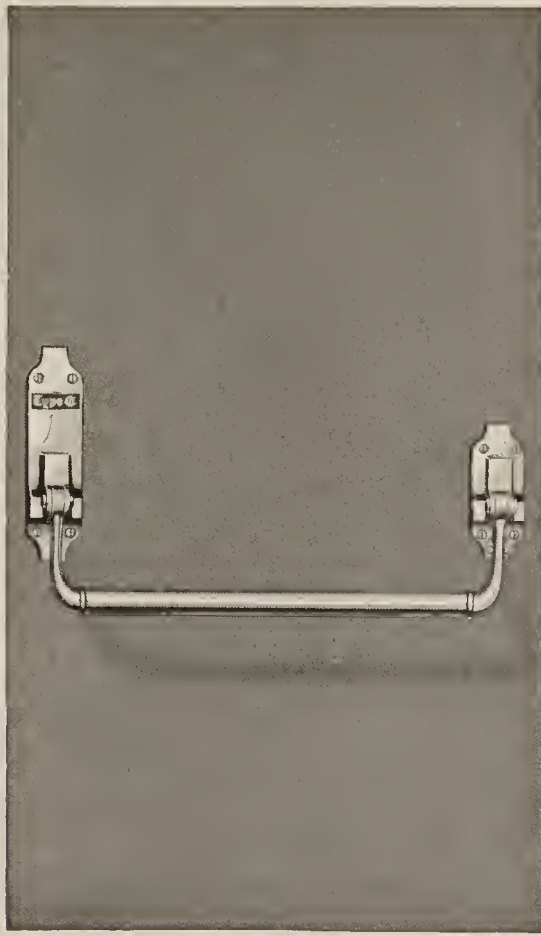
TYPE "C"

For Single Doors Opening Outward

CORRIDOR TO FIRE TOWERS—FIRE ESCAPE DOORS



K6126C



Inside Elevation

Special Features Described on Page 26. Not Reversible



6130C

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Strike	Trim	Back Set	Weight Shipping
Device K6126C	26K	226J	2610	2½"	19 lbs.
Catalog, page	107	124	96		
Device 6129C	29	226J	None	2½"	18 lbs.
Catalog, page	106	124			
Device 6129½C	R29	229RJ	None	2¾"	18 lbs.
Catalog, page	106	124			
Device 6130C	30	307J	None	3"	18 lbs.
Catalog, page	106	124			

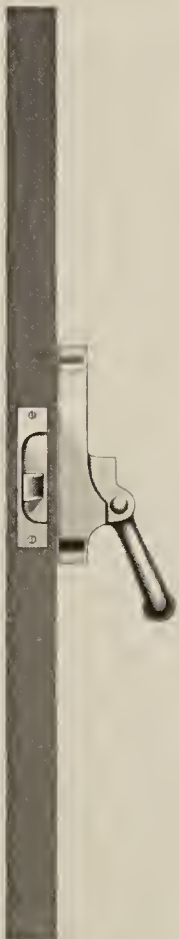
All brass or bronze. Polished brass furnished unless otherwise ordered.
Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 135.

Metal Door Reinforcement Chart, see page 134.

Special exterior trims, see page 96.

Approximate time required for application for estimating purposes, see page 147.



6129½C



6129C

Type "D"

For Doors Opening Outward. (Not Reversible), Single Acting

The following pages 39 to 43 showing Type "D"

STANDARD medium weight single acting mortise lock type panic device, embodying such of the Type "B" refinements as are shown below.

Sturdy in construction, in contour as Type "B".

Featured to unlatch latch bolts from inside by touch against cross bar at any point at all times.

All interior parts are made of special hard brass, bars and external members are made of brass or bronze.

Feature No.	As Type "B" Feature No.	Page
1. Cross bar single-acting (toward the door), full 1" 16-gauge seamless brass or bronze tube.....	1	14
2. Easy spring Pullman-type long-swing vertical latches subject to normal check operation (entirely independent of each other).....	5	14
3. Wire compression springs in main case augmented by special compression spring in hinged end case of cross bar.		
4. Buffer Plate No. 248 for active door of double doors, preventing crowding of door past the strike engagement plane, which function would release auxiliary bolt and permit picking of main latch or lock bolt with knife or other instrument.....	10	14
5. Long-life cylinder locks made especially for panic bolt service, see pages 108 to 116.		

For dogging devices, use Nos. 46D, 47D or 49D shown on page 119.

Illustration of feature of interior work, Type "D" will be found on page 137.

For detailed information regarding Type "D", see pages 39 to 43.

Vertical rod devices cannot be made with latch retracting device.

Refer to page 149 for guide of other VON DUPRIN devices than Type "B" and their numbers comparable for general operation, using Type "B" as a basis.

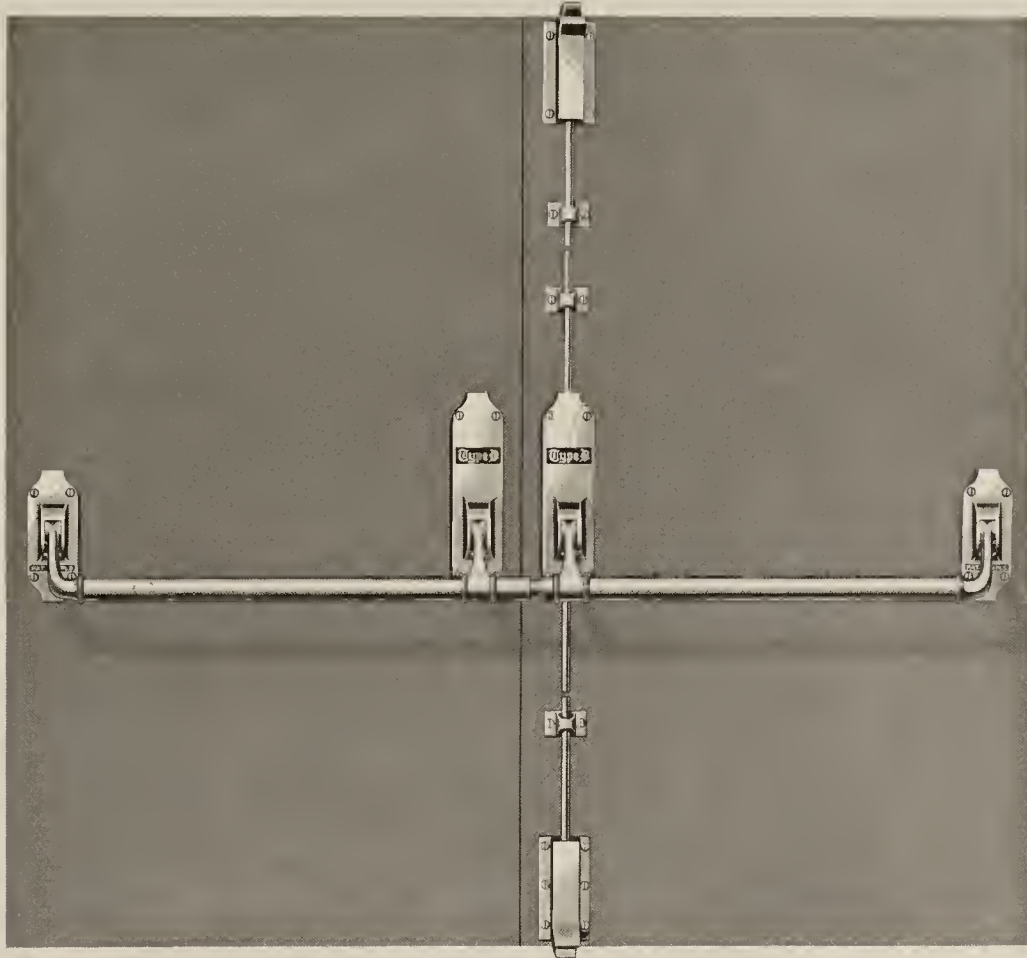
See pages 144 and 145 for other manufacturers' competitive devices.

TYPE "D"

For Double Exit Doors Opening Outward

Both doors equipped with a complete device is preferable. See Combination No. 55, page 41. This No. 5172D, however, is more economical in price. Has no outside unlatching feature.

NOT SATISFACTORY ON DOORS LESS THAN 28" WIDE AND 5" STILES.



Inside Elevation 5172D

Special Features Described on page 38. Not Reversible

OPERATION

Featured to unlatch latch bolts from inside by TOUCH AGAINST BAR AT ANY POINT. Latch bolts can be dogged in retracted position by Dogging Hook No. 5446. See page 119.

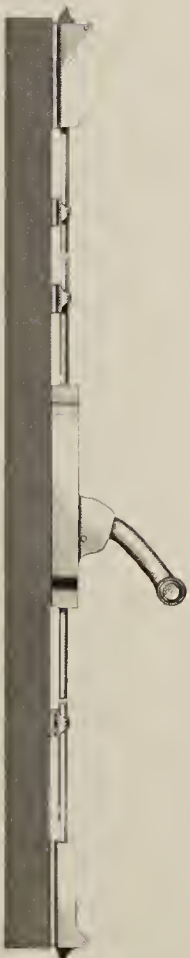
Latch Case No. 20D, see page 137.

Latch retractor head *cannot* be used on Type "D".

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lower Strike	Upper Strike	Shipping Weight
Device 5172D	251L	273U	38 lbs.
Catalog, page	121	122	

All brass or bronze. Polished brass furnished unless otherwise ordered.
 For "travel control" of double doors with overlapping astragal, see page 116A.
 Before ordering, see pages 146, 147.
 Detail of construction (Functioning Member Parts Chart), see page 137.
 VON DUPRIN metal thresholds, see page 120.
 Metal Door Reinforcement Chart, see page 136.
 Approximate time required for application for estimating purposes, see page 147.



5172D

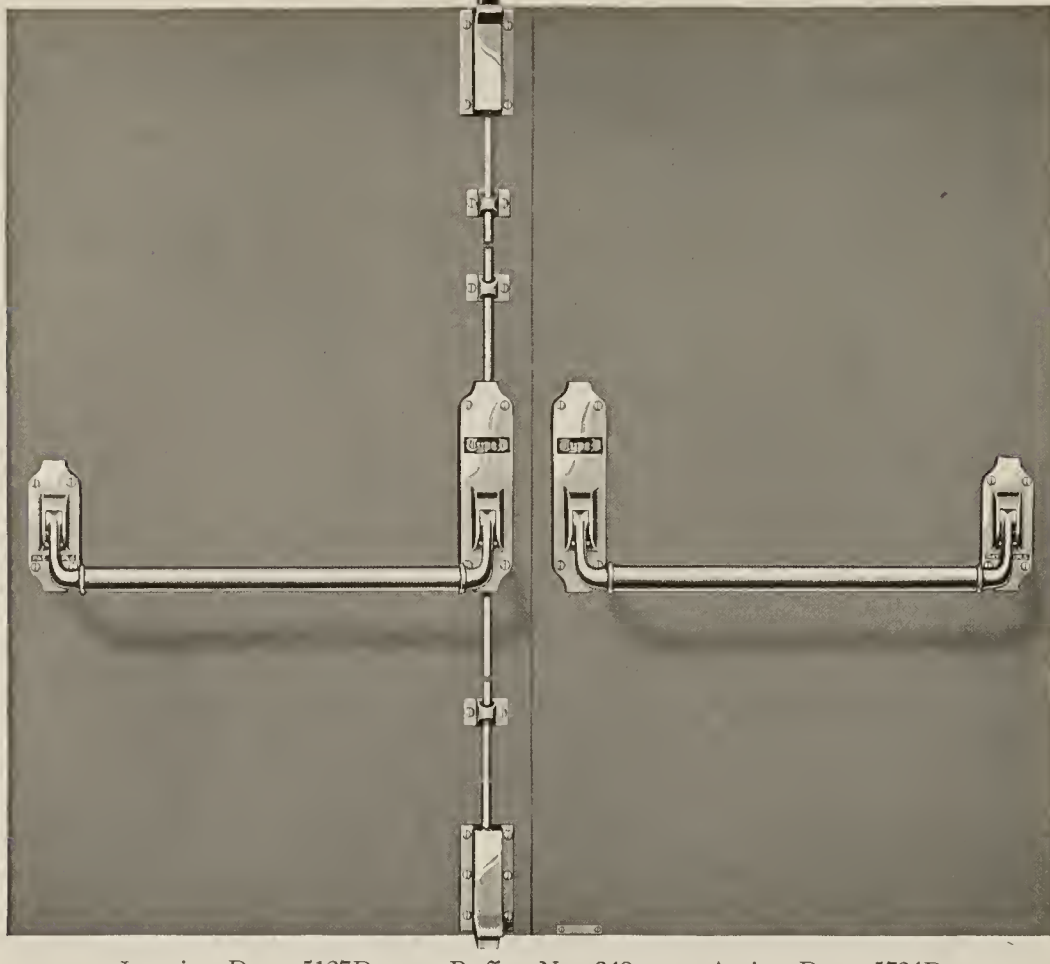
TYPE "D"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS USED



Inactive 5127D



Inactive Door 5127D Buffer No. 248 Active Door 5724D
Inside Elevation Combination No. 52
Special Features Described on Page 38. Not Reversible



Active 5724D

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Lock	Cylinder	Strike	Trim	Buffer	Spacing	Back Set	Shipping Weight
Device 5724D....	24	3215	245J	2640R	248	4 1/8"	2 7/8"	25 lbs.
Catalog, page.....	110	117	125	98	122			
Device NL5724D..	NL24	3215	245J	NL2640R	248	4 1/8"	2 7/8"	25 lbs.
Catalog, page.....	110	117	125	98	122			
Device 5722D....	22	3215	245J	2590	248	3 3/2"	2 7/8"	25 lbs.
Catalog, page.....	108	117	125	96	122			
Device NL5741D..	NL24	3215	245J	None	248	4 1/8"	2 7/8"	24 lbs.
Catalog, page.....	110	117	125		122			
Device 5730.....	30	None	294J	None	248		3"	23 lbs.
Catalog, page.....	106		125		122			

FOR INACTIVE DOOR

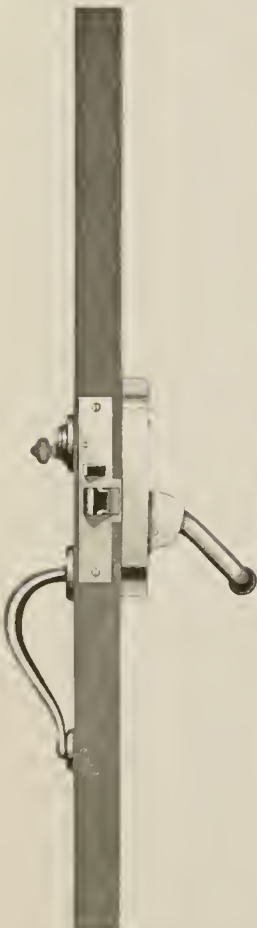
		Lower Strike	Upper Strike				Shipping Weight
Device 5127D....	...	251L	273U	...	...	...	25 lbs.
Catalog, page....		121	122				

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.
Latch retractor head cannot be used on Type D.

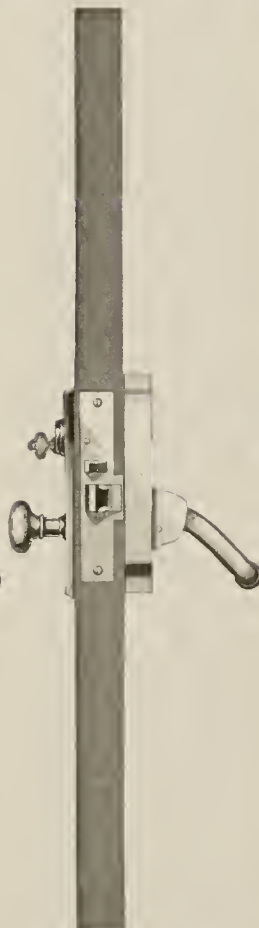


Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

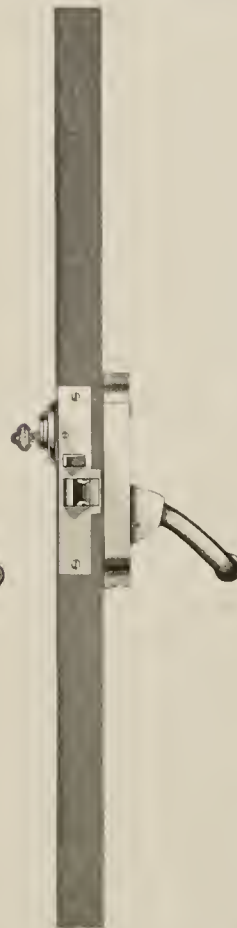
For "travel control" of double doors with overlapping astragal, see page 116A.
To overcome door shrinkage, see Adjustable Strike No. 247J (can be furnished at additional charge), see page 123.
Before ordering, see pages 146, 147.
Detail of construction (Functioning Member Parts Chart), see page 137.
VON DUPRIN metal thresholds, see page 120.
Metal Door Reinforcement Chart, see page 136.
Special exterior trims, see pages 96, 98, 99.
Approximate time required for application for estimating purposes, see page 147.



Active NL5724D



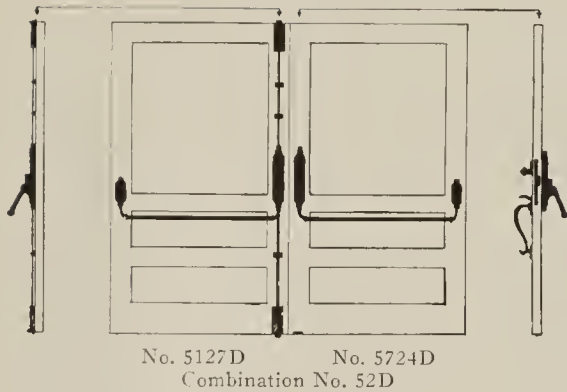
Active 5722D



Active NL5741D

Practical Combinations for Double Doors

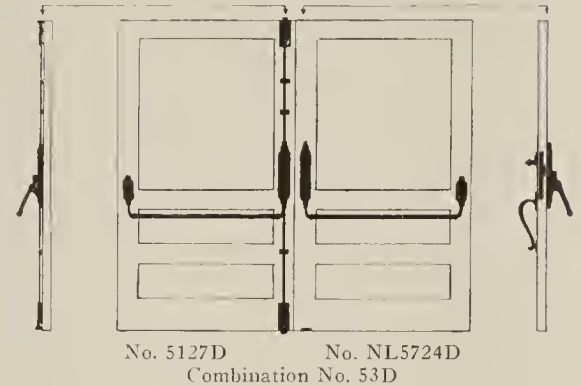
WHERE THRESHOLD IS USED



COMBINATION NO. 52D MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 5127D, Type "D"

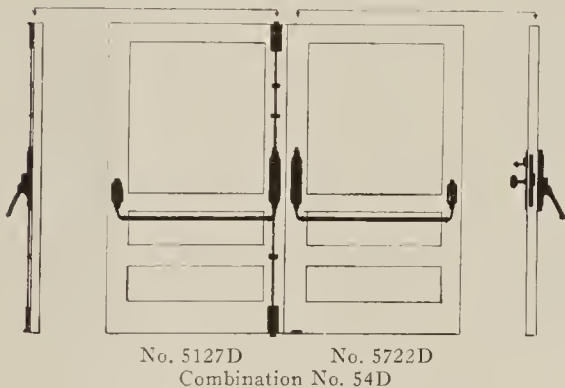
Active door to be equipped with No. 5724D, Type "D"



COMBINATION NO. 53D MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 5127D, Type "D"

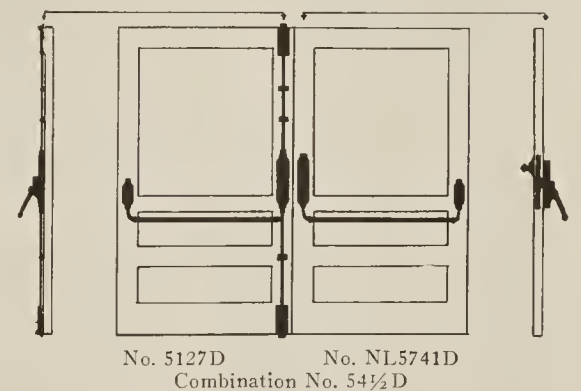
Active door to be equipped with No. NL5724D, Type "D"



COMBINATION No. 54D MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 5127D, Type "D"

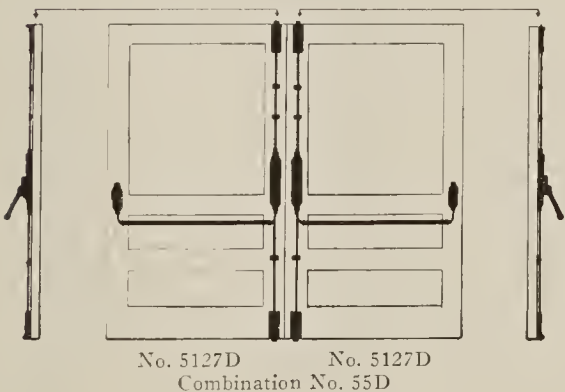
Active door to be equipped with No. 5722D, Type "D"



COMBINATION NO. 54 1/2 D MAIN ENTRANCE DOORS

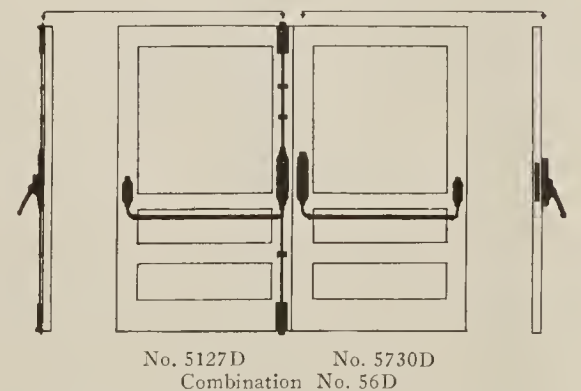
Inactive door to be equipped with No. 5127D, Type "D"

Active door to be equipped with No. NL5741D, Type "D"



COMBINATION NO. 55D DOUBLE EXIT DOORS

Both doors to be equipped with No. 5127D, Type "D"



COMBINATION NO. 56D DOUBLE EXIT DOORS

Inactive door to be equipped with No. 5127D, Type "D"

Active door to be equipped with No. 5730D, Type "D"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations. Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

TYPE "D"

For Single Entrance Doors Opening Outward



5124D



Inside Elevation



NL5124D

Special Features Described on Page 38. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 5124D	24	3215	244J	2640R	4 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "	25 lbs.
Catalog, page	110	117	124	98			
Device NL5124D	NL24	3215	244J	NL2640R	4 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "	25 lbs.
Catalog, page	110	117	124	98			
Device 5122D	22	3215	244J	2590	3 $\frac{7}{8}$ "	2 $\frac{7}{8}$ "	25 lbs.
Catalog, page	108	117	124	96			
Device NL5141D	NL24	3215	244J	None	4 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "	24 lbs.
Catalog, page	110	117	124				

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.

Collapsible Strike No. 250J (can be furnished at an additional charge), see page 123.
Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 137.

Metal Door Reinforcement Chart, see page 136.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.



5122D



NL5141D

TYPE "D"

For Single Doors

CORRIDOR TO FIRE TOWERS—FIRE ESCAPE DOORS OPENING OUTWARD



K5126D



Inside Elevation

Special Features Described on Page 38. Not Reversible



5130D

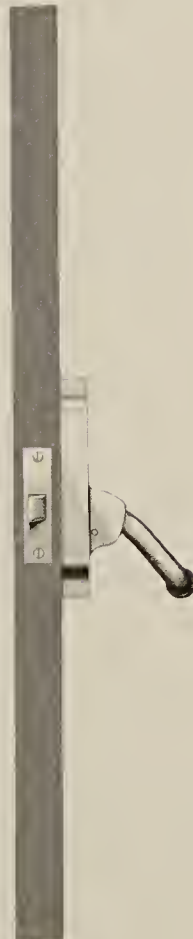
SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Strike	Trim	Back Set	Shipping Weight
Device K5126D	26K	226J	2610	2½"	17 lbs.
Catalog, page	107	124	96		
Device 5129D	29	226J	None	2½"	16 lbs.
Catalog, page	106	124			
Device 5129½D	R29	229RJ	None	2¾"	16 lbs.
Catalog, page	106	124			
Device 5130D	30	307J	None	3"	17 lbs.
Catalog, page	106	124			

All brass or bronze. Polished brass furnished unless otherwise ordered.



5129½D



5129D

Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 137.

Metal Door Reinforcement Chart, see page 136.

Special exterior trims, see page 96.

Approximate time required for application for estimating purposes, see page 147.

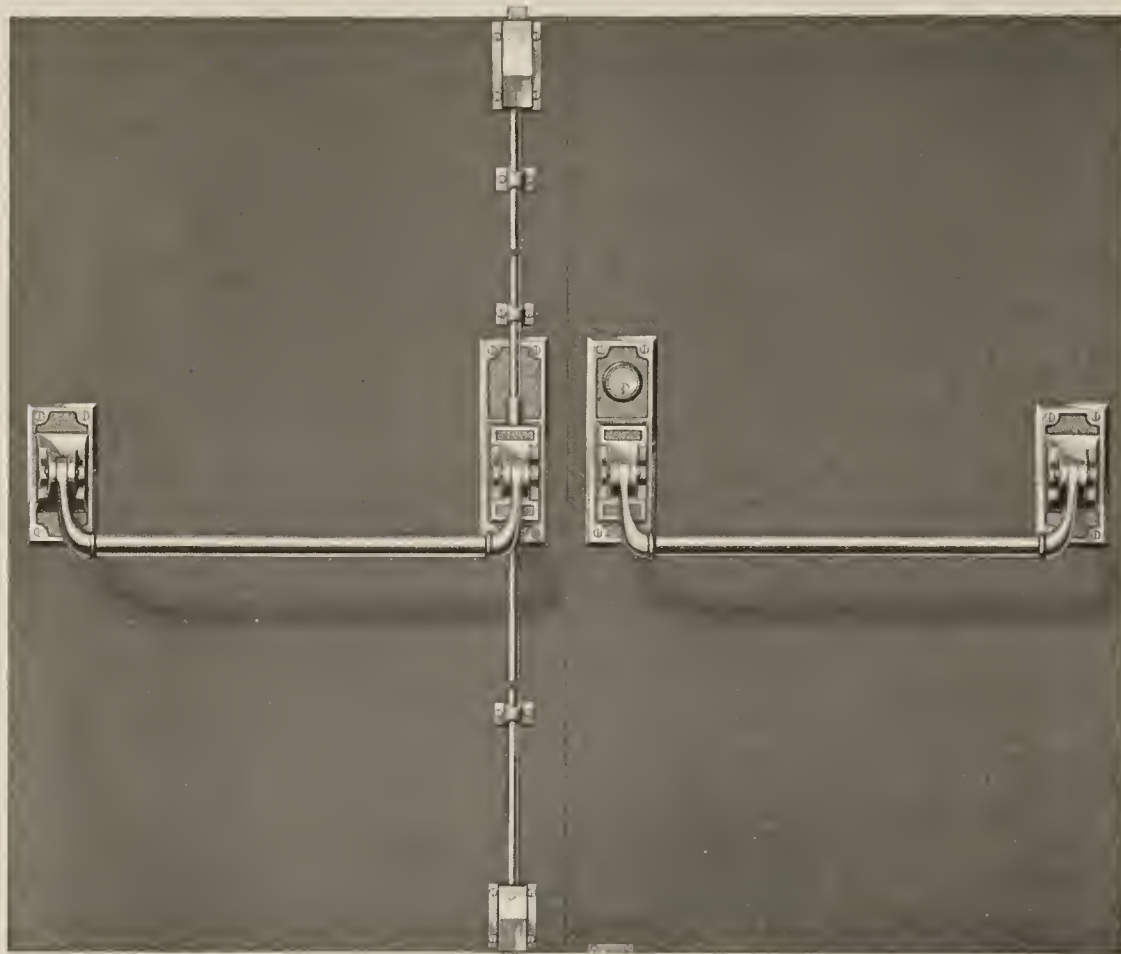
TYPE "E2" DOUBLE CYLINDER

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS USED



Inactive 3127E2
Gravity



Active 3725E2

Inactive Door 3127E2 Buffer No. 248 Active Door 3725E2
Inside Elevation Combination No. 32E2
Special Features Described on Page 44A. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Lock	Cylinder	Strike	Trim	Buffer	Spacing	Back Set	Shipping Weight
Device 3725E2....	25	3215	245J	2640R	248	4 ⁵ / ₁₆ "	27 ⁷ / ₈ "	19 lbs.
Catalog, page.....	114	117	125	98	122			
Device NL3725E2. NL25	3215	245J	NL2640R	248	4 ⁵ / ₁₆ "	27 ⁷ / ₈ "	19 lbs.	
Catalog, page.....	114	117	125	98	122			
Device 3723E2....	23	3215	245J	2590	248	3 ⁷ / ₂ "	27 ⁷ / ₈ "	18 lbs.
Catalog, page.....	112	117	125	96	122			
Device NL3745E2. NL25	3215	245J	None	248	4 ⁵ / ₁₆ "	27 ⁷ / ₈ "	17 lbs.	
Catalog, page.....	114	117	125	122				

FOR INACTIVE DOOR

	Lower Strike	Upper Strike				
Device 3127E2...	251L	281U	...	...	...	20 lbs.
Catalog, page.....	121	122				

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.

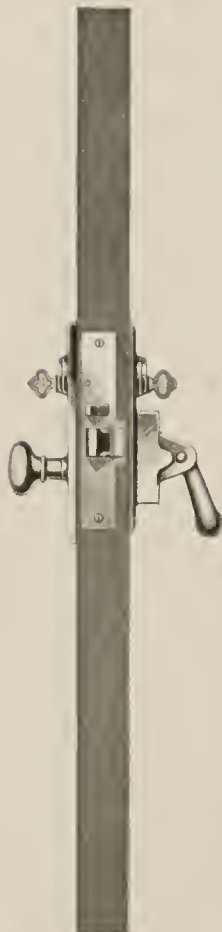


Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

For "travel control" of double doors with overlapping astragal, see page 116A.
To overcome door shrinkage, see Adjustable Strike No. 247J (can be furnished at additional charge), see page 123.
Before ordering, see pages 146, 147.
VON DUPRIN metal thresholds, see page 120.
Special exterior trims, see pages 96, 98, 99.
Approximate time required for application for estimating purposes, see page 147.



Active NL3725E2



Active 3723E2



Active NL3745E2

Type "E2"

Gravity Acting Vertical Rods (Not Reversible), Single Acting, Toward the Door

The following pages 44 to 47 show Type "E2"

A standard single acting double cylinder mortise lock type panic device, embodying such of the Type "B" refinements as are shown below.

Sturdy in construction.

Featured to unlatch latch bolts from inside by touch against cross bar at any point at all times.

All interior parts are made of special hard brass, bars and external members are made of brass or bronze.

Feature No.	FEATURES	As Type "B" Feature No.	Page
1.	Cross bar, single-acting (toward the door), full 1-inch, 16-gauge seamless brass or bronze tube	1	14
2.	Improved method of dogging the cross bars down—a direct drive into the lever arm controlled by two-point key. The housing is lined with seamless steel sleeve (see feature 11), a drive fit. Dogging feature furnished on both ends of the cross bar, insuring absolute rigidity.....	3	14
3.	Vertical rods (gravity controlled) and cases top and bottom have long swing pullman type vertical latches both terminals. Rods are entirely independent of each other, giving easy action which subjects them to the normal check operation without extra tension, and insures latching at all times, regardless of how it comes in contact with strike.		
4.	Special phosphorous bronze wire compression springs in main case and hinged end of mortise lock type devices.		
5.	Buffer plate No. 248 for active door of double doors, preventing crowding of door past the strike engagement plane, which function would release auxiliary bolt and permit picking of main latch or lock bolt with knife or other instrument	10	14
6.	Cross bar levers showing hole drilled for axle and dogging feature, housing of dogging feature is lined with case-hardened steel sleeves, eliminating all friction and wear.....	11	14
7.	Long-life cylinder locks made especially for Panic bolt service, see pages 108 to 116.		

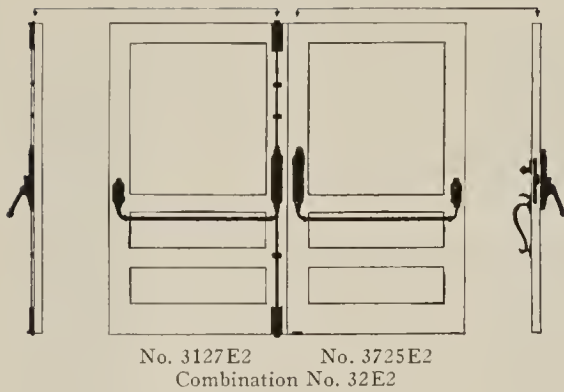
For detailed information regarding Type "E2" see pages 44 to 47.

Refer to page 149 for guide of other VON DUPRIN devices than Type "B" and their numbers comparable for general operation, using Type "B" as a basis.

See pages 144 and 145 for other manufacturers' competitive devices.

Practical Combinations for Double Doors

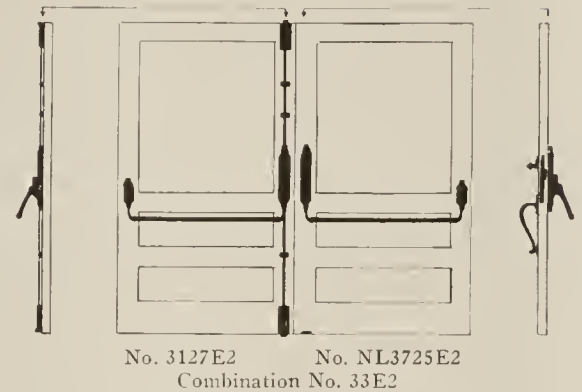
WHERE THRESHOLD IS USED



COMBINATION NO. 32E2 MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 3127E2, Type "E2"

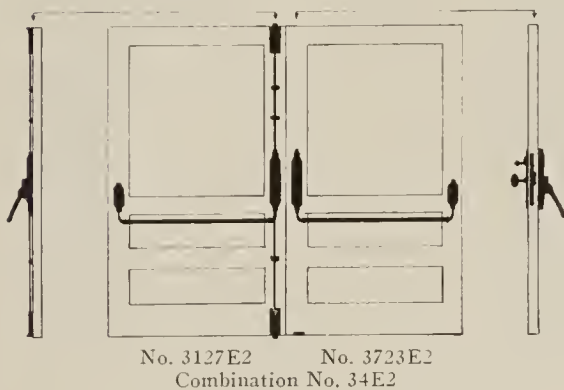
Active door to be equipped with No. 3725E2, Type "E2"



COMBINATION NO. 33E2 MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 3127E2, Type "E2"

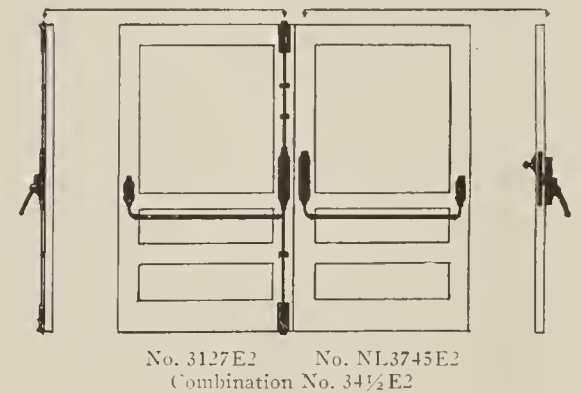
Active door to be equipped with No. NL3725E2, Type "E2"



COMBINATION NO. 34E2 MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 3127E2, Type "E2"

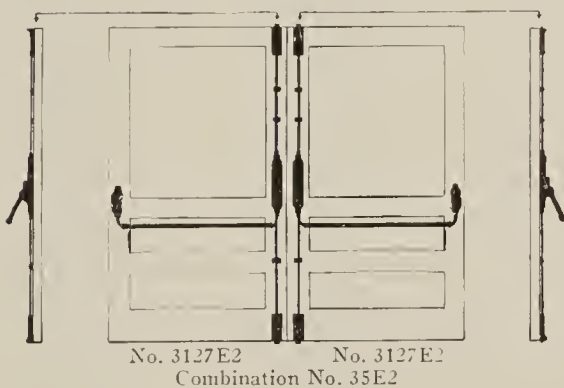
Active door to be equipped with No. 3723E2, Type "E2"



COMBINATION No. 34½E2 MAIN ENTRANCE DOORS

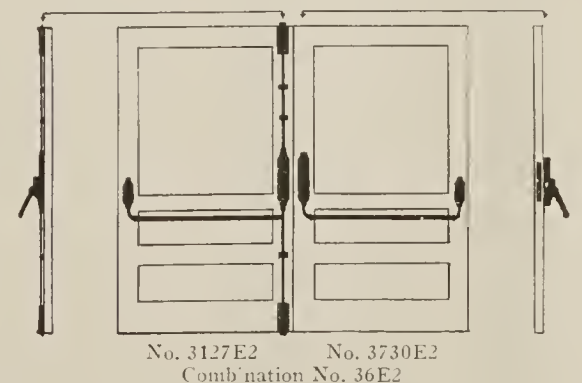
Inactive door to be equipped with No. 3127E2, Type "E2"

Active door to be equipped with No. NL3745E, Type "E2"



COMBINATION NO. 35E2 DOUBLE EXIT DOORS

Both doors to be equipped with No. 3127E2, Type "E2"



COMBINATION NO. 36E2, DOUBLE EXIT DOORS

Inactive door to be equipped with No. 3127E2, Type "E2"

Active door to be equipped with No. 3730E2, Type "E2"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations. Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

TYPE "E2" DOUBLE CYLINDER

For Single Entrance Doors Opening Outward



3125E2



Inside Elevation

Special Features Described on Page 44A. Not Reversible



NL3125E2

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 3125E2	25	3215	244J	2640R	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	19 lbs.
Catalog, page	114	117	124	98			
Device NL3125E2	NL25	3215	244J	NL2640R	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	19 lbs.
Catalog, page	114	117	124	98			
Device 3123E2	23	3215	244J	2590	3 $\frac{7}{8}$ "	2 $\frac{7}{8}$ "	18 lbs.
Catalog, page	112	117	124	96			
Device NL3145E2	NL25	3215	244J	None	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	17 lbs.
Catalog, page	114	117	124				

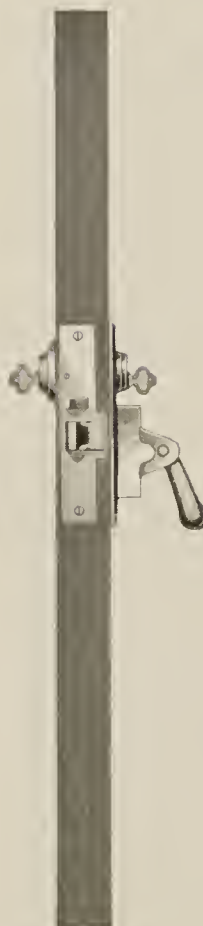
All brass or bronze. Polished brass furnished unless otherwise ordered.

Prefix NL indicates night latch action.

Collapsible Strike No. 250J (can be furnished at an additional charge), see page 123.



3123E2



NL3145E2

Before ordering, see pages 146, 147.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.

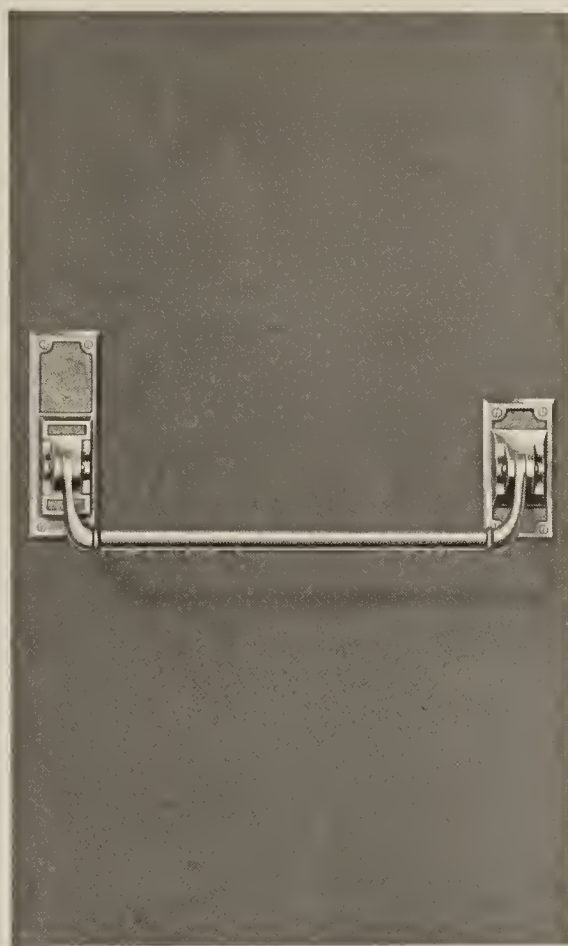
TYPE "E2"

For Single Doors

CORRIDOR TO FIRE TOWERS—FIRE ESCAPE DOORS OPENING OUTWARD



K3126E2



Inside Elevation

Special Features Described on Page 44A. Not Reversible



3130E2

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Strike	Trim	Back Set	Shipping Weight
Device K3126E2	26K	226J	2610	2½"	13 lbs.
Catalog, page	107	124	96		
Device 3129E2	29	226J	None	2½"	12 lbs.
Catalog, page	106	124			
Device 3129½E2	R29	229RJ	None	2¾"	12 lbs.
Catalog, page	106	124			
Device 3130E2	30	307J	None	3"	12 lbs.
Catalog, page	106	124			

All brass or bronze. Polished brass furnished unless otherwise ordered.



3129½E2



3129E2

Before ordering, see pages 146, 147.

Special exterior trims, see page 96.

Approximate time required for application for estimating purposes, see page 147.

Type "F"

Gravity Acting Vertical Rods (Not Reversible), Single Acting Toward the Door, Opening Outward

The following pages 49 to 53 show Type "F"

A STANDARD single acting mortise lock type panic device, embodying such of Type "B" refinements as are shown below.

Sturdy in construction.

Featured to unlatch latch bolts from inside by touch against cross bar at any point at all times.

Cast parts are made of malleable iron and gray iron, bars and vertical rods of steel. Bars can be had of brass.

Feature No.	FEATURES	As Type "B"	
		Feature No.	Page
1.	Cross bars single acting (toward the door).		
2.	Vertical rods (gravity controlled), subject to normal check operation without extra tension, and insures latching at all times regardless of how it comes in contact with trip-off.		
3.	Buffer Plate No. 248 for active door of double doors, preventing crowding of door past the strike engagement plane, which function would release auxiliary bolt and permit picking of main latch or lock bolt with knife or other instrument.....	10	14
4.	Long-life cylinder locks made especially for panic bolt service, see pages 108 to 116.....	13	14
	Can be furnished with key dogging device for cross bars.		
	Vertical Rod Devices 9127 reversible.		

*Refer to page 149 for guide of other VON DUPRIN devices than Type "B" and their numbers comparable for general operation, using Type "B" as a basis.
See pages 144 and 145 for other manufacturers' competitive devices.*

TYPE "F"

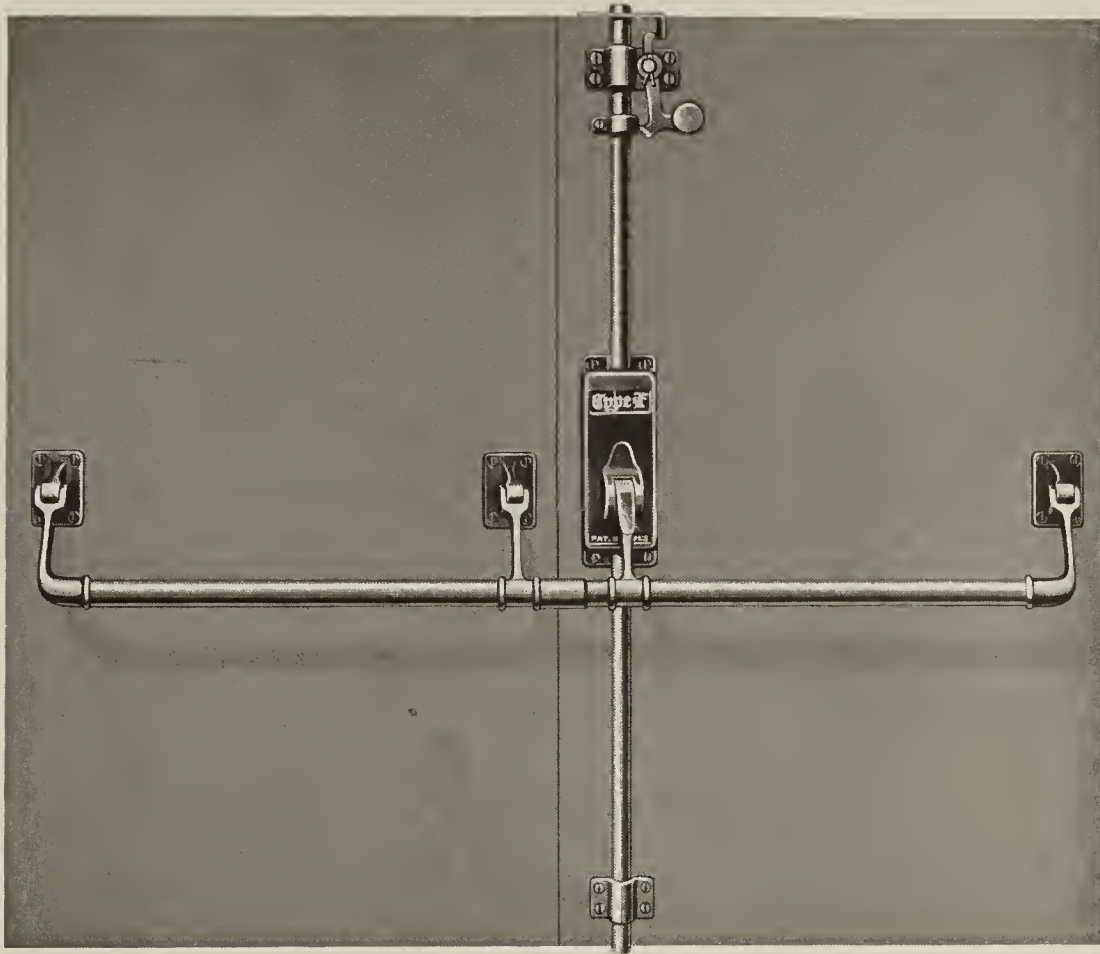
For Double Exit Doors Opening Outward

GRAVITY LOCKING TWO-POINT DEVICE WITH SELF-RELEASING FEATURE

An extra-heavy positive operating device. Designed for factory, workshop, etc., etc., double doors.

Operated from the inside by TOUCH AGAINST CROSS BAR AT ANY POINT, this action automatically locking the vertical bars in a released position, when the door is closed the automatic coming in contact with the soffit strike will release itself, again engaging bolt heads into the opening of the strikes, again locking the door. Made in malleable iron and steel. Bronze bearings furnished on special order.

NOT SATISFACTORY ON DOORS LESS THAN 28" AND 5" STILES.



No. 9172F. Inside Elevation. Not Reversible

No. 9172F. Unpolished, dead black.

No. 9172/1F. Unpolished, dead black, brass cross bar.

No. 9172/3F. Polished brass case and external members, polished brass vertical rods, polished brass cross bars. Can be furnished with bronze bearings (see price list). Dogging feature can be furnished (see price list). Shipping weight, 44 lbs.

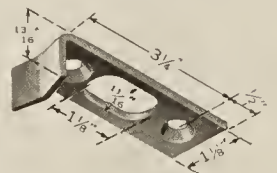
For "travel control" of double doors with overlapping astragal, see page 116A.

Before ordering, see pages 146, 147.

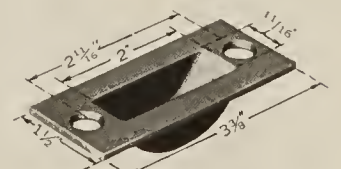
VON DUPRIN metal thresholds, see page 120.

Approximate time required for application for estimating purposes, see page 147.

Dimensions of Center Case
Case 2 3/4" Wide
Case 7 5/8" High



No. 295U
Upper Strike
Page 122



No. 243L
Bottom Strike
Page 122



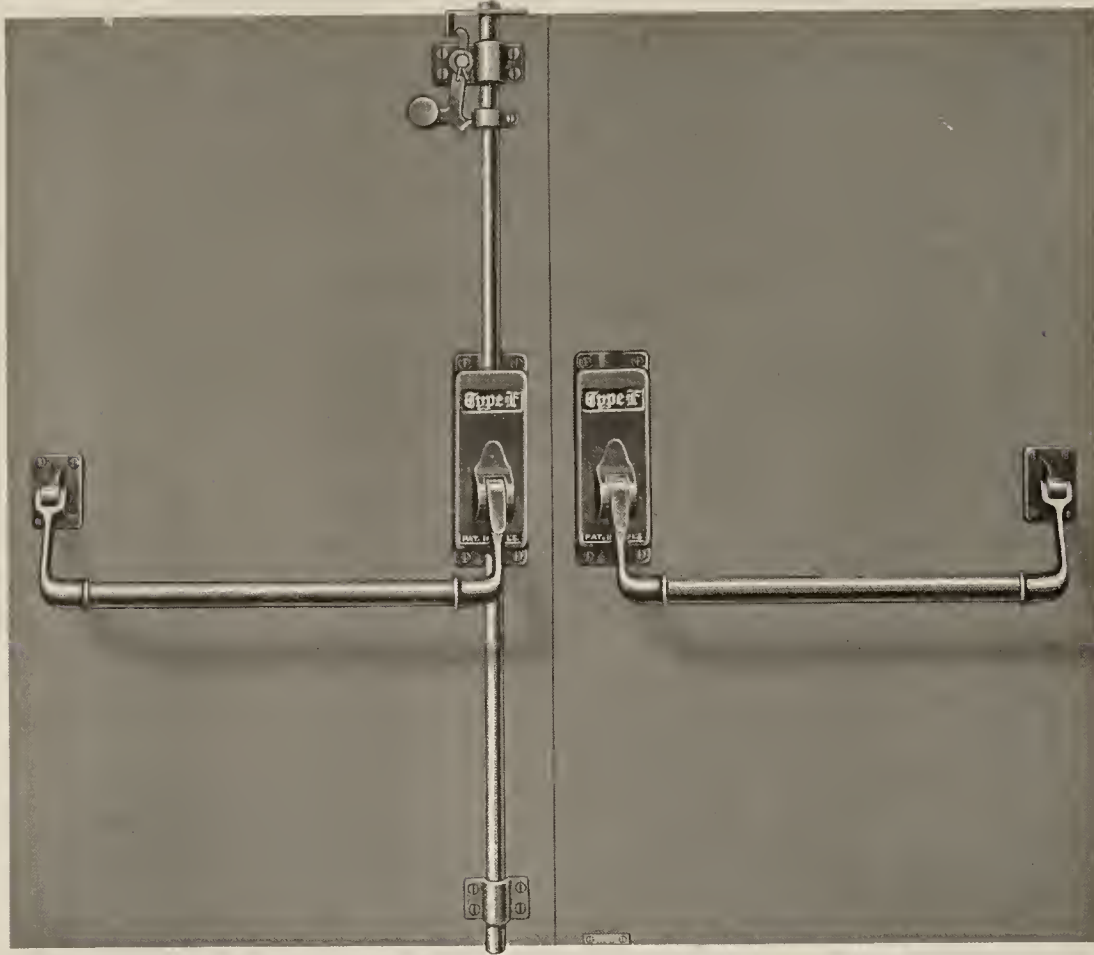
Showing Automatic
Latch Engaging
Bolt Head

TYPE "F"

For Double Entrance Doors Opening Outward
SUITABLE WITH OR WITHOUT THRESHOLD



Inactive 9127F
Gravity



Inactive Door 9127F Buffer No. 248 Active Door 9724F
Inside Elevation Combination No. 92F
Special Features Described on Page 48. Not Reversible
Dogging Feature Can Be Furnished, See Price List



Active 9724F

SPECIFICATIONS OF STANDARD EQUIPMENT FOR ACTIVE DOOR

	Lock Cylinder	Strike	Trim	Buffer	Spacing	Back Set	Shipping Weight
Device 9724F..	24	3215	245J	2640R	248	4 $\frac{5}{16}$ " 2 $\frac{7}{8}$ "	20 lbs.
Catalog, page...	110	117	125	98	122		
Device NL9724F	NL24	3215	245J	NL2640R	248	4 $\frac{5}{16}$ " 2 $\frac{7}{8}$ "	20 lbs.
Catalog, page...	110	117	125	98	122		
Device 9722F..	22	3215	245J	2590W	248	3 $\frac{7}{32}$ " 2 $\frac{7}{8}$ "	19 lbs.
Catalog, page...	108	117	125	96	122		
Device BK9722F	BK22	None	245J	2597WBK	248	3 $\frac{7}{32}$ " 2 $\frac{7}{8}$ "	18 lbs.
Catalog, page...	108		125	96	112		
Device NL9741F	NL24	3215	245J	None	248	4 $\frac{5}{16}$ " 2 $\frac{7}{8}$ "	18 lbs.
Catalog, page...	110	117	125		122		
Device 9730...	30	None	294J	None	248	3"	17 lbs.
Catalog, page...	106		125		122		

FOR INACTIVE DOOR

	Lower Strike	Upper Strike					
Device 9127F..	...	243L	295U	...	...	...	22 lbs.
Catalog, page...		122	122				

Device 9127 1F—as above, with brass cross bars.
Device 9127 3F—all brass polished.

Malleable iron and steel dead black. Polished brass trim furnished unless otherwise ordered.

Prefix NL indicates night latch action.
BK indicates bit key.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

For "travel control" of double doors with overlapping astragal, see page 116A.

To overcome door shrinkage, see Adjustable Strike No. 247J (can be furnished at additional charge), see page 123.

Before ordering, see pages 146, 147.

VON DUPRIN metal thresholds, see page 120.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.



Active NL9724F



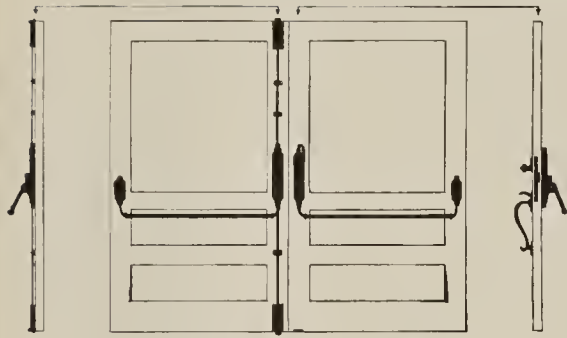
Active 9722F



Active NL9741F

Practical Combinations for Double Doors

SUITABLE WITH OR WITHOUT THRESHOLD



No. 9127F No. 9724F
Combination No. 92F

COMBINATION NO. 92F MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 9127F, Type "F"

Active door to be equipped with No. 9724F, Type "F"

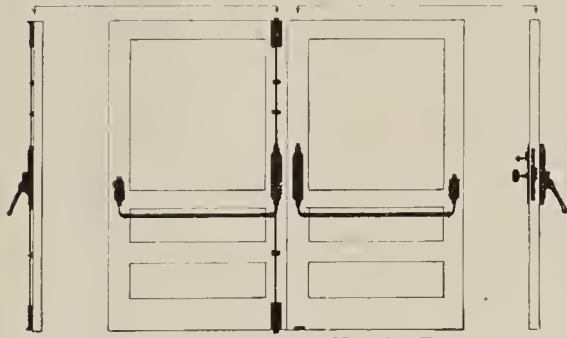
COMBINATION NO. 93F MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 9127F, Type "F"

Active door to be equipped with No. NL9724F, Type "F"



No. 9127F No. NL 9724F
Combination No. 93F



No. 9127F No. 9722F
Combination No. 94F

COMBINATION NO. 94F MAIN ENTRANCE DOORS

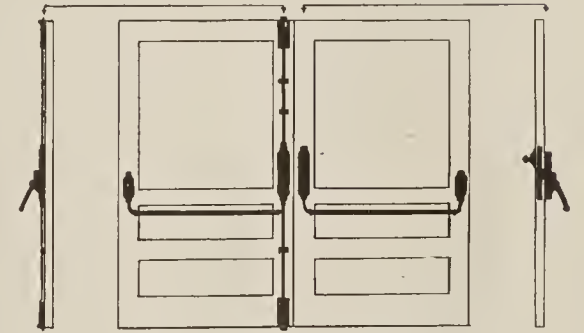
Inactive door to be equipped with No. 9127F, Type "F"

Active door to be equipped with No. 9722F, Type "F"

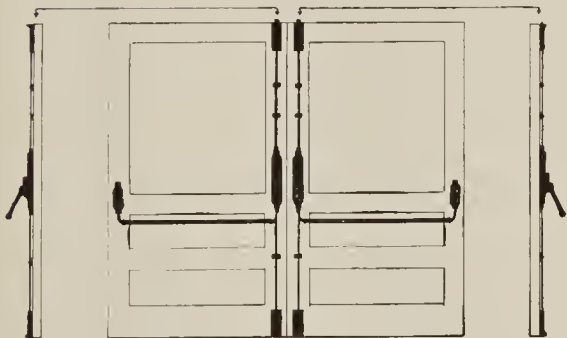
COMBINATION NO. 94½F MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 9127F, Type "F"

Active door to be equipped with No. NL9741F, Type "F"



No. 9127F No. NL9741F
Combination No. 94½F



No. 9127F No. 9127F
Combination No. 95F

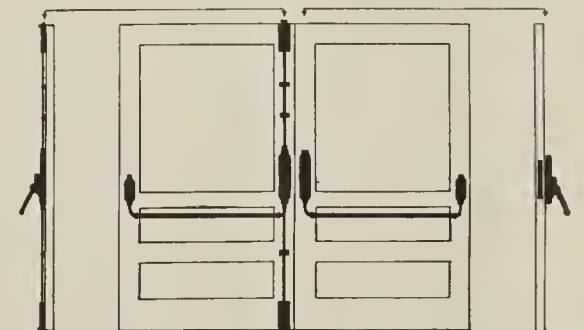
COMBINATION NO. 95F DOUBLE EXIT DOORS

Both doors to be equipped with No. 9127F, Type "F"

COMBINATION NO. 96F DOUBLE EXIT DOORS

Inactive door to be equipped with No. 9127F, Type "F"

Active door to be equipped with No. 9730F, Type "F"



No. 9127F No. 9730F
Combination No. 96F

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations. Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

TYPE "F"

For Single Entrance Doors Opening Outward



9124F



Inside Elevation

Special Features Described on Page 48
Dogging Feature Can Be Furnished, See Price List
Not Reversible



NL9124F

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 9124F.....	24	3215	244J	2640R	4 ⁵ / ₁₆ "	27 ⁷ / ₈ "	20 lbs.
Catalog, page.....	110	117	124	98			
Device NL9124F.....	NL24	3215	244J	NL2640R	4 ⁵ / ₁₆ "	27 ⁷ / ₈ "	20 lbs.
Catalog, page.....	110	117	124	98			
Device 9122F.....	22	3215	244J	2590W	3 ⁷ / ₃₂ "	27 ⁷ / ₈ "	19 lbs.
Catalog, page.....	108	117	124	96			
Device BK9722F.....	BK22	None	244J	2597WBK	3 ⁷ / ₃₂ "	27 ⁷ / ₈ "	19 lbs.
Catalog, page.....	108		124	96			
Device NL9141F.....	NL24	3215	244J	None	4 ⁵ / ₁₆ "	27 ⁷ / ₈ "	18 lbs.
Catalog, page.....	110	117	124				

Malleable iron and steel, dead black. Polished brass trim furnished unless otherwise ordered.

Prefix NL indicates night latch action.

BK indicates bit key.

Collapsible Strike No. 250J (can be furnished at an additional charge), see page 123.

Before ordering see pages 146 and 147.

Special Exterior Trims, see pages 96, 98 and 99.

Approximate time required for application for estimating purposes, see page 147.



9122F



NL9141F



BK9122F

TYPE "F"

For Single Doors Opening Outward

CORRIDOR TO FIRE TOWERS—FIRE ESCAPE DOORS



K9126F



Inside Elevation

Special Features Described on Page 48
Dogging Feature Can Be Furnished, See Price List
Not Reversible



9130F



9129 1/2 F



9129F

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Strike	Trim	Back Set	Shipping Weight
Device K9126F	26K	226J	2610	2 1/2"	18 lbs.
Catalog, page	107	124	96		
Device 9129F	29	226J	None	2 1/2"	17 lbs.
Catalog, page	106	124			
Device 9129 1/2 F	R29	229RJ	None	2 3/4"	17 lbs.
Catalog, page	106	124			
Device 9130F	30	307J	None	3"	18 lbs.
Catalog, page	106	124			

All malleable iron and steel dead black furnished unless otherwise ordered.

Before ordering, see pages 146, 147.

Special exterior trims, see page 96.

Approximate time required for application for estimating purposes, see page 147.

TYPE "G2"

For Single Main Entrance Doors Opening Outward No. NL7125G2 Oakland

Has Automatic Outside Dead-Locking and Key Unlatching Night Latch Feature

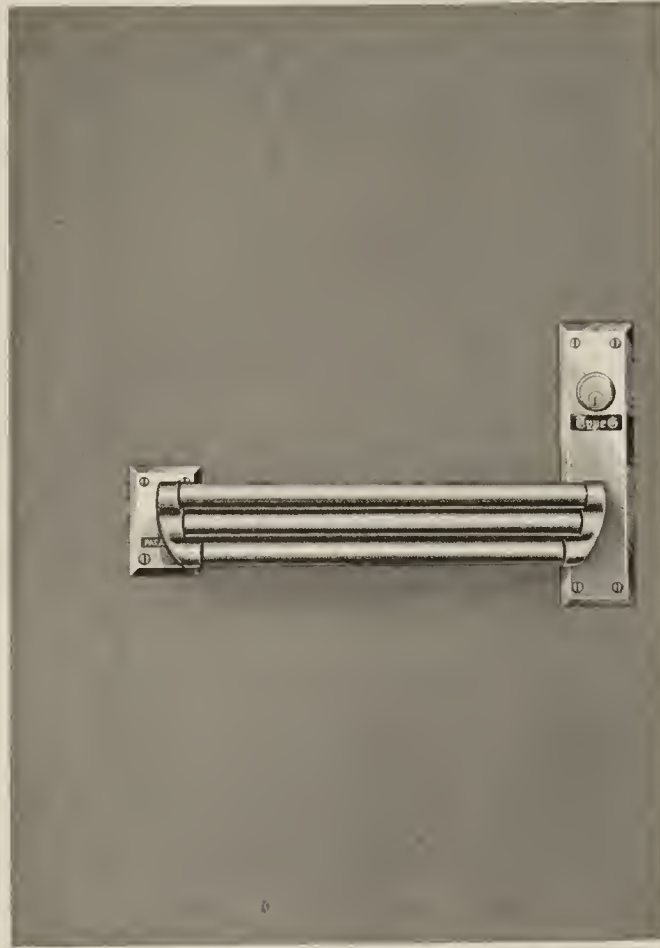
Tribar Patent Applied For



NL2806
For 4½" and Wider
Stiles
Outside Plate 3"x14"
Inside Plate
2⅞"x10¼"



Collapsible Strike
No. 250J
Details, Page 123



Inside Elevation
Mortise Cylinder Lock No. NL25 Oakland. For Description
of Action, See Page 114
Not Reversible



NL7125G2 Oakland

Furnished regularly with 3"x14" plate and grip on outside of door. Featured to unlatch bolts from inside by TOUCH AGAINST BARS AT ANY POINT, even though dead-locked from outside. Latch bolts can be retracted back into lock case by setting automatic features controlled by five-pin tumbler cylinder from inside, outside cylinder is night latch action.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device NL7125G2	NL25	3215	250J	NL2806	4⅝"	2⅞"	29 lbs.
Catalog, page	114	117	124	100			

All brass or bronze. Polished bronze furnished unless otherwise ordered.

Prefix NL indicates night latch action.

Before ordering, see pages 146, 147. Special exterior trims, see page 100. Approximate time required for application for estimating purposes, see page 147.

Type "G" Tribar

Single Acting Bar Toward the Door, Opening Outward (Not Reversible)

The following pages 56 to 57 show Type "G"

SINGLE ACTING extra heavy mortise lock type panic devices, three bars. Sturdy in construction.

Featured to unlatch latch bolts from inside by touch against cross bar at any point at all times.

All interior parts are made of Cast brass or bronze.

Made to special requirements of New York Board of Education. Patent applied for.

FEATURES

Feature

1. Cross bars single acting (toward the door), three full $\frac{7}{8}$ " 16-gauge seamless tube. Bars furnished regularly 21" on centers—for flush doors.
2. Made for single doors and furnished with No. 250J Collapsible Strike, see page 123.
3. Extra heavy exterior trim, see description, page 100.
4. Long-Life Cylinder and Bit Key Locks Nos. NL24 N. Y. and LR32BK made especially for panic bolt service, see pages 110, 112.
5. For new work a latch protecting device No. P1234 (see page 116) is furnished with main entrance and pupils' entrance doors.

*Refer to page 149 for guide of other VON DUPRIN devices than Type "B" and their numbers comparable for general operation, using Type "B" as a basis.
See pages 144 and 145 for other manufacturers' competitive devices.*

TYPE "G"

For Single Main Entrance Doors Opening Outward, New York Board of Education
No. NL7124G New York

(Formerly G9124 N. Y.)

Has Automatic Outside Dead-Locking and Key Unlatching Night Latch Feature
Patent Applied For



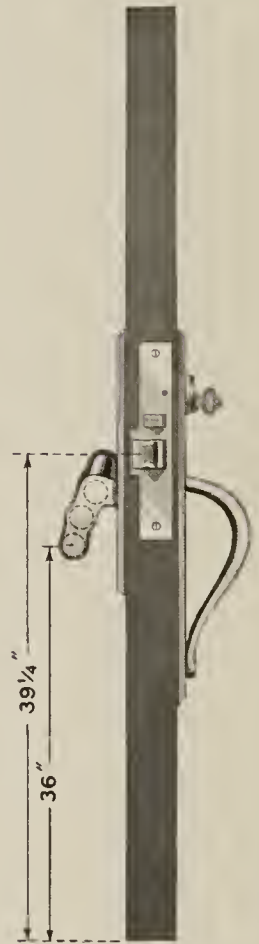
NL2806
For 4½" and Wider
Stiles
Outside Plate
3"x14"
Inside Plate
2⅞"x10¼"
Bolted to Outside
of Plate



Collapsible Strike
No. 250J
Details, page 123



Inside Elevation



NL7124G New York

Standard Length "Tribar" 21" O. C. Does Not Extend Across Full Width of Door
Features Described on Page 55. Not Reversible
Mortise Cylinder Lock No. NL24 N. Y. For Description of Action, See Page 110.

Furnished regularly with 3"x14" plate and grip on outside of door. Featured to unlatch bolts from inside by TOUCH AGAINST BARS AT ANY POINT, even though dead-locked from outside. Latch bolts can be retracted back into lock case by setting automatic features controlled by five-pin tumbler cylinder.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device NL7124G N. Y.....	NL24	3215	250J	NL2806	4⅝"	2⅞"	29 lbs.
Catalog, page	110	117	124	100			

See trim NL9806 malleable iron and steel for extra-heavy duty, page 100.

P1234 VON DUPRIN
Armored Latch Protector.
Priced extra, not included in
price of device.



Fig. P1234

NB. WHEN USED FOR NEW YORK SCHOOLS, USE ARMORED LATCH PROTECTOR PLATE NO. 1234 VON DUPRIN, page 116.

All brass or bronze. Polished bronze furnished unless otherwise ordered.
Prefix NL indicates night latch action.

Before ordering, see pages 146, 147. Special exterior trims, see page 100. Approximate time required for application for estimating purposes, see page 147.

TYPE "G"

For Single Pupils' Entrance Doors Opening Outward, New York Board of Education
No. BK7132G New York

(Formerly G9124½BK N. Y.)
Latch Retracting Feature by Key from Inside
Patent Applied For



Fig. 2807
For 4½" and Wider
Stiles
Outside Plate
2⅞"x10¼"
Inside Plate
2⅞"x10¼"
Bolted to Outside
of Plate



Collapsible Strike
No. 250J
Details, Page 123



Inside Elevation

Standard Length "Tribar" 21" O. C. Does Not Extend Across Full Width of Door
Features Described on Page 55. Not Reversible

Mortise Bit Key Lock No. LR32BK N. Y. Special. For Description of Action, See Page 112.

Furnished regularly with 2⅞"x10¼" plate and grip on outside of door. Featured to unlatch bolts from inside by TOUCH AGAINST BARS AT ANY POINT. Latch bolts can be retracted back into lock case by setting automatic features controlled by bit key.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Strike	Trim	Spacing	Back Set	Shipping Weight
Device BK7132G N. Y.....	LR32BK N. Y.	250J	NL2807	4⅝"	2⅞"	27 lbs.
Catalog, page	112	124	100			

See trim NL9807 malleable iron and steel for extra-heavy duty, page 100.

P1234 VON DUPRIN
Armored Latch Protector.
Priced extra, not included in
price of device.



Fig. P1234

NB. WHEN USED FOR NEW YORK SCHOOLS, USE ARMORED LATCH PROTECTOR PLATE NO. 1234 VON DUPRIN, page 116.

All brass or bronze. Polished bronze furnished unless otherwise ordered.

Before ordering, see pages 146, 147. Special exterior trims, see page 100. Approximate time required for application for estimating purposes, see page 147.

Type "H"

Gravity Acting Vertical Rods (Not Reversible), Single Acting, Toward the Door

The following pages 59 to 69 show Type "H"

A STANDARD single acting mortise lock type panic device, embodying such of Type "B" refinements as are shown below.

Sturdy in construction.

Featured to unlatch latch bolts from inside by touch against cross bar at any point at all times.

All interior parts are made of special hard brass. Bars and external members are made of brass or bronze.

Feature No.	FEATURES	As Type "B"	
		Feature No.	Page
1.	Cross bar single acting (toward the door), full 1" 16-gauge seamless brass or bronze tube.....	1	14
2.	Improved method of <i>dogging the cross bars down</i> —a direct drive into the lever arm controlled by two-point key. The housing is lined with seamless steel sleeve (see feature 11), a drive fit. Dogging feature furnished on both ends of the cross bar insuring absolute rigidity	3	14
3.	New axle so constructed that axle cannot lose out or be removed by children.....	4	14
4.	Vertical rods 1/2" diam. (gravity controlled) and cases top and bottom have long swing Pullman type vertical latches both terminals. Rods are entirely independent of each other, giving easy action which subjects them to the normal check operation without extra tension, and insures latching at all times regardless of how it comes in contact with strike.		
5.	Special phosphorus bronze wire compression springs in main and hinged end case of mortise lock type devices.		14
6.	Buffer Plate No. 248 for active door of double doors, preventing crowding of door past the strike engagement plane, which function would release auxiliary bolt and permit picking of main latch or lock bolt with knife or other instrument.....	10	14
7.	Cross bar levers showing hole drilled for axle and dogging feature, housing of dogging feature hole is lined with case-hardened steel sleeves, eliminating all friction and wear.....	11	14
8.	Long-life cylinder locks made especially for panic bolt service, see pages 108 to 116.		

Illustration of feature of interior work Type "H" will be found on page 139.

For detailed information regarding Type "H", see pages 59 to 69.

Refer to page 149 for guide of other VON DUPRIN devices than Type "B" and their numbers comparable for general operation, using Type "B" as a basis.

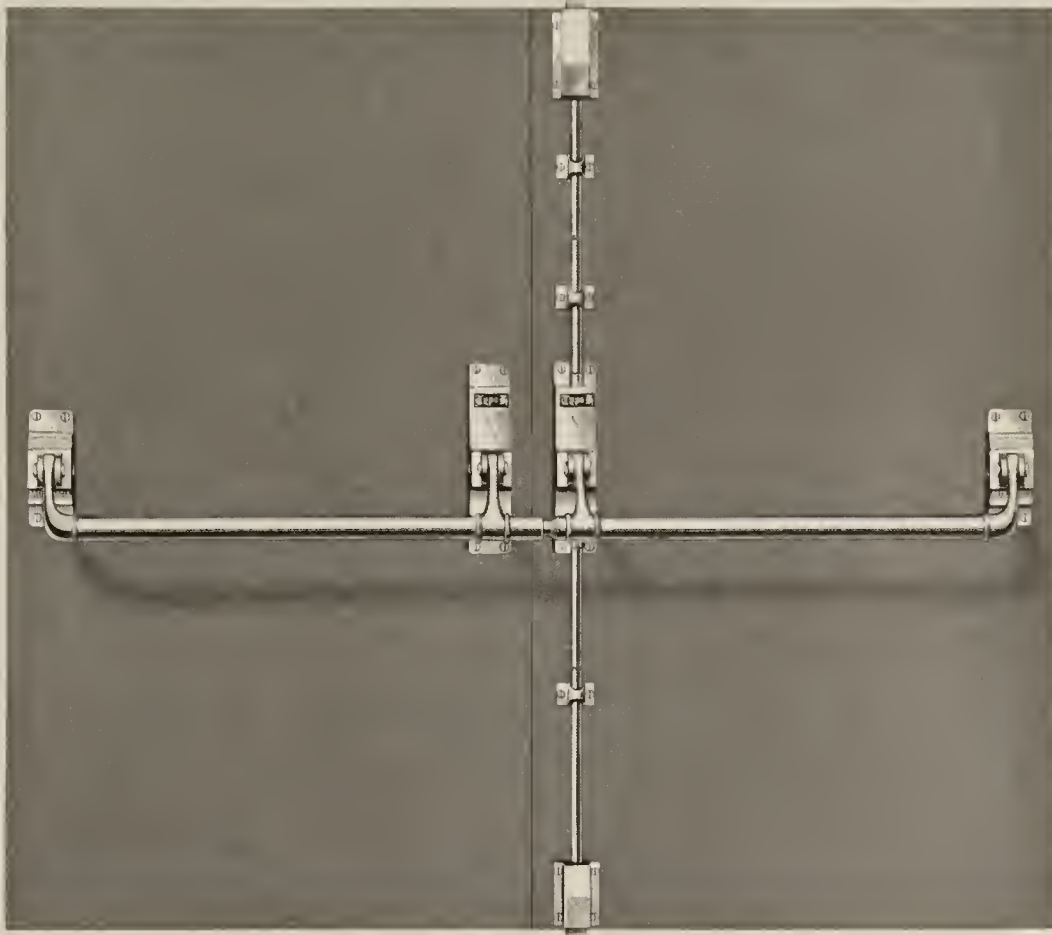
See pages 144 and 145 for other manufacturers' competitive devices.

TYPE "H"

Gravity Action, for Double Exit Doors Opening Outward

Both doors equipped with a complete device is preferable. See Combination No. 85H, page 61. No. 8172H, however, is more economical in price. Has no outside unlatching feature.

NOT SATISFACTORY ON DOORS LESS THAN 28" WIDE AND 5" STILES.



Inside Elevation 8172H

Special Features Described on Page 58. Not Reversible
Latch Case No. 53H, see Page 139.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lower Strike	Upper Strike	Shipping Weight
Device 8172H	251L	281U	34 lbs.
Catalog, page	121	122	

All brass or bronze. Polished brass furnished unless otherwise ordered.

For "travel control" of double doors with overlapping astragal, see page 116A.
Before ordering, see pages 146, 147.
Detail of construction (Functioning Member Parts Chart), see page 139.
VON DUPRIN metal thresholds, see page 120.
Metal Door Reinforcement Chart, see page 138.
Approximate time required for application for estimating purposes, see page 147.



8172H
Gravity

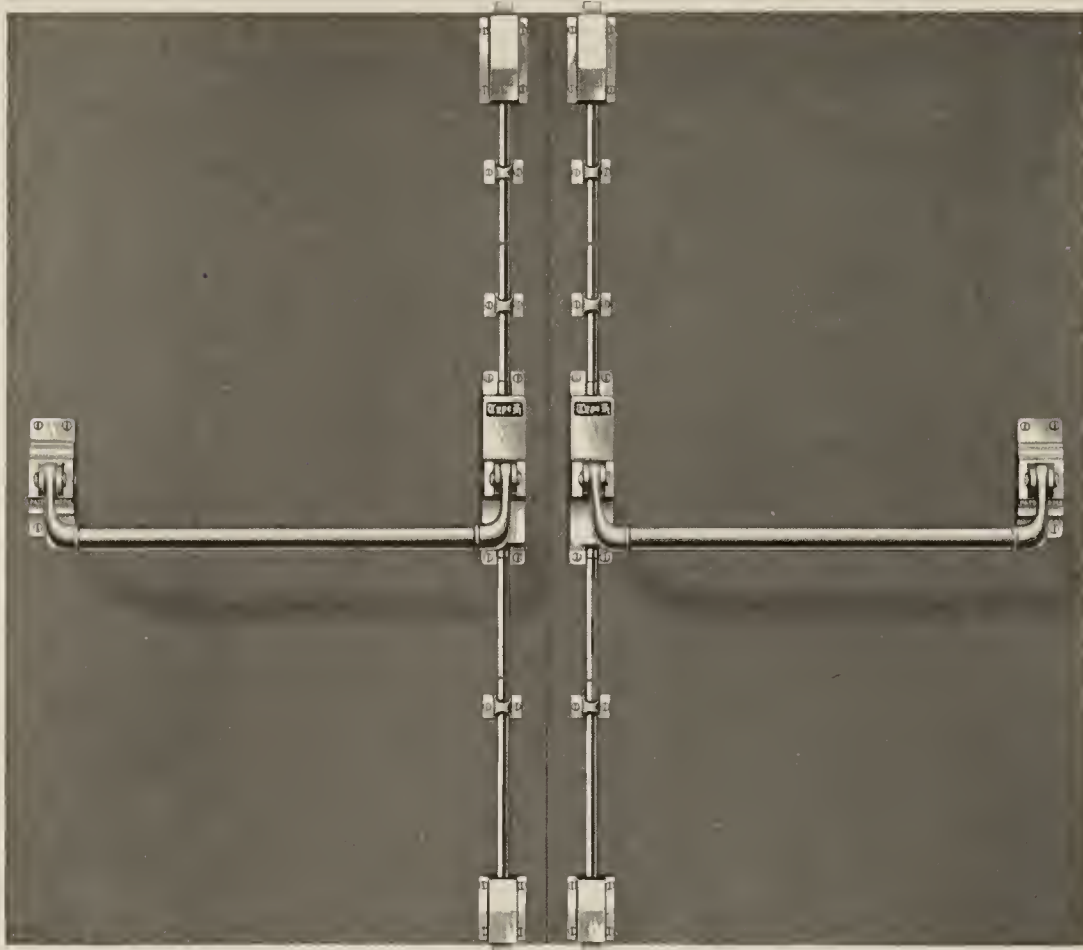
TYPE "H"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS USED



Inactive 8127H
Gravity



Inactive Door 8127H

Active Door 8123H



Active 8123H
Gravity

Inside Elevation Combination No. 81H

Special Features Described on Page 58. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Cylinder	Lower Strike	Upper Strike	Trim	Spacing	Shipping Weight
Device 8123H	3216	251L	281U	2580	3 1/8"	22 lbs.
Catalog, page	117	121	122	96		
Device 8123Hx2660 ..	3216	251L	281U	2660	3 1/8"	23 lbs.
Catalog, page	117	121	122	97		

FOR INACTIVE DOOR

	Lower Strike	Upper Strike			
Device 8127H	251L	281U	....	....	21 lbs.
Catalog, page	121	122			

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix LR indicates latch retractor head, see page 66.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

For "travel control" of double doors with overlapping astragal, see page 116A.
Before ordering, see pages 146, 147.

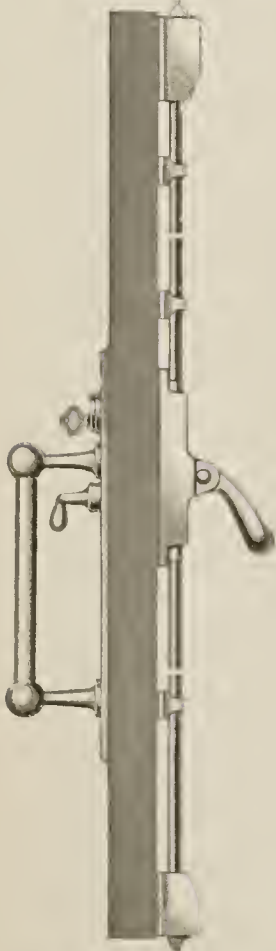
Detail of construction (Functioning Member Parts Chart), see page 139.

VON DUPRIN metal thresholds, see page 120.

Metal Door Reinforcement Chart, see page 138.

Special exterior trims, see pages 96, 97.

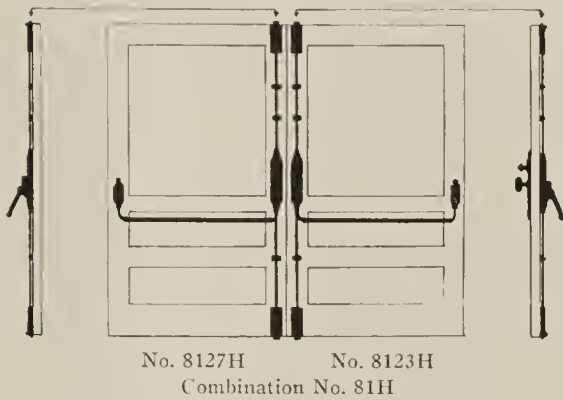
Approximate time required for application for estimating purposes, see page 147.



8123Hx2660
Gravity

Practical Combinations for Double Doors

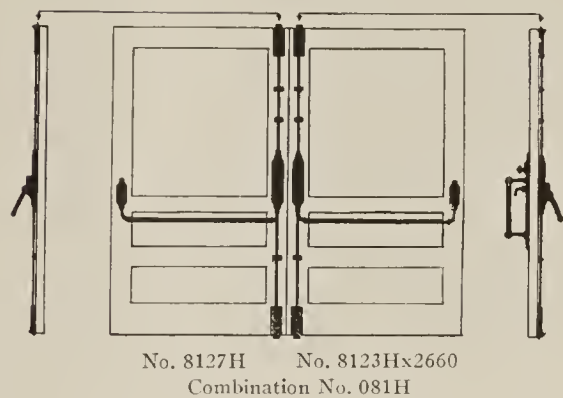
WHERE THRESHOLD IS USED



COMBINATION NO. 81H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 8127H, Type "H"

Active door to be equipped with No. 8123H, Type "H"

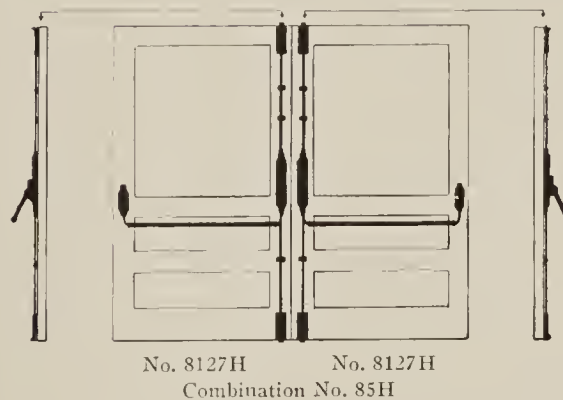


COMBINATION NO. 081H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 8127H, Type "H"

Active door to be equipped with No. 8123Hx2660, Type "H"

ARCHITECT'S NOTE—If inactive door should have dummy trim, specify so.



COMBINATION NO. 85H DOUBLE EXIT DOORS

Both doors to be equipped with No. 8127H, Type "H"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

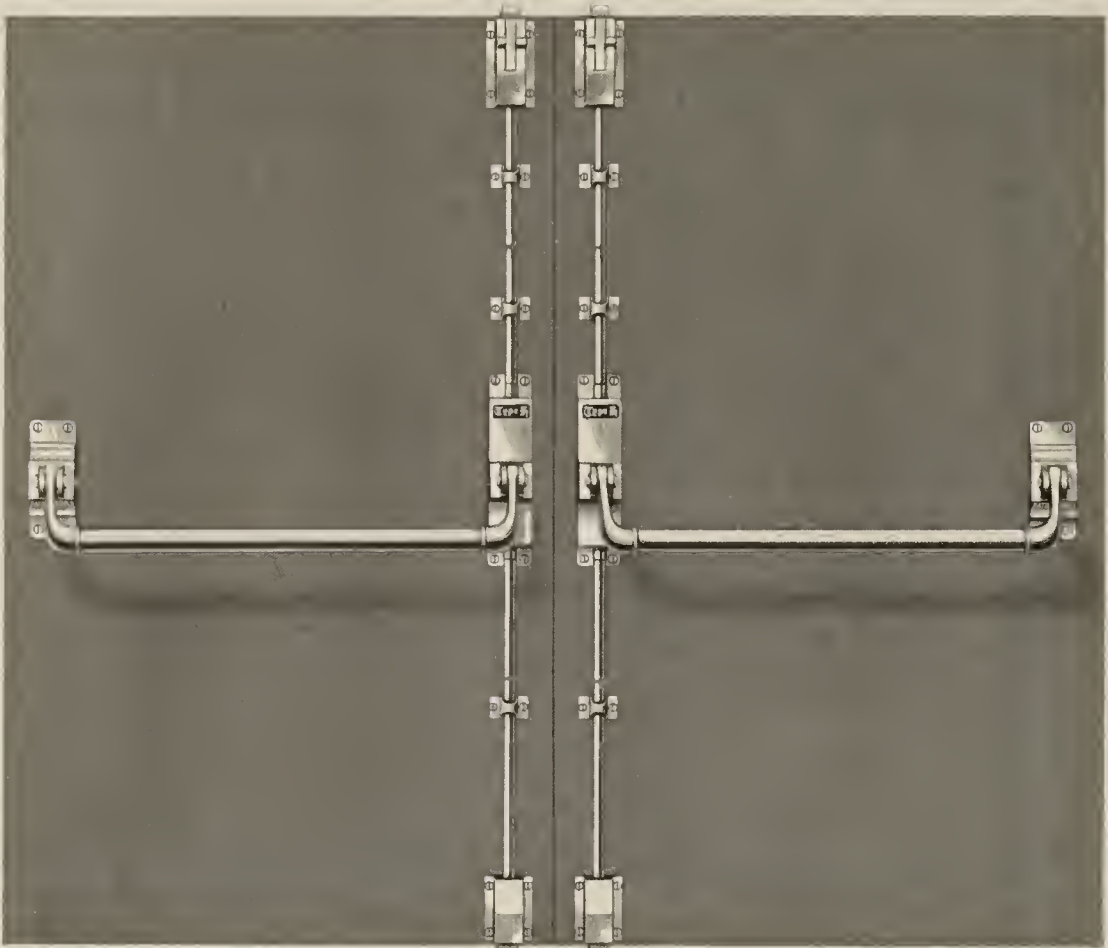
TYPE "H"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS NOT USED



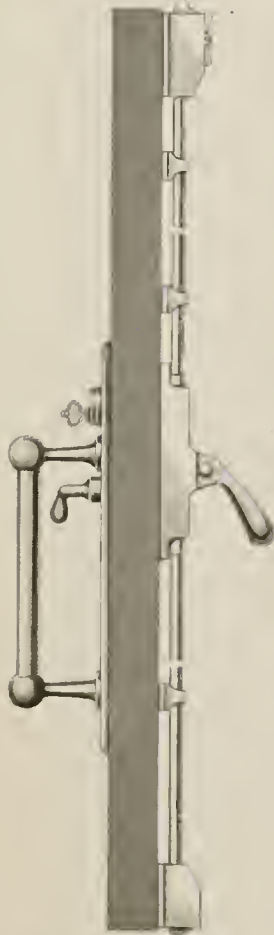
Inactive LR8127H
Gravity



Inactive Door LR8127H Active Door LR8123H
Inside Elevation Combination No. LR81H
Special Features Described on Page 58. Not Reversible



Active LR8123H
Gravity



LR8123Hx2660
Gravity



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Cylinder	Lower Strike	Upper Strike	Trim	Spacing	Weight Shipping
Device LR8123H	3216	251L	286U	2580	3 1/8"	22 lbs.
Catalog. page	117	121	122	96		
Device LR8123Hx2660 ...	3216	251L	286U	2660	3 1/8"	23 lbs.
Catalog. page	117	121	122	97		

FOR INACTIVE DOOR

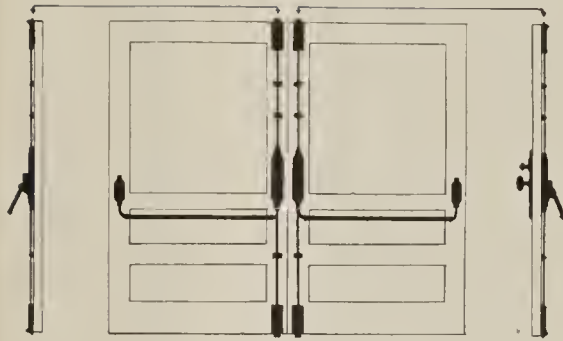
		Lower Strike	Upper Strike			Weight Shipping
Device LR8127H .....	....	251L	286U	....	....	21 lbs.
Catalog. page		121	122			

All brass or bronze. Polished brass furnished unless otherwise ordered.

For "travel control" of double doors with overlapping astragal, see page 116A.
 Before ordering, see pages 146, 147.
 Detail of construction (Functioning Member Parts Chart), see page 139.
 VON DUPRIN metal thresholds, see page 120.
 Metal Door Reinforcement Chart, see page 138.
 Special exterior trims, see pages 96, 97.
 Approximate time required for application for estimating purposes, see page 147.

Practical Combinations for Double Doors

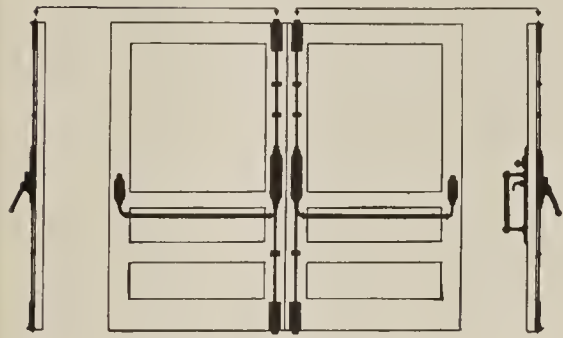
WHERE THRESHOLD IS NOT USED



No. LR8127H No. LR8123H
Combination No. LR81H

COMBINATION NO. LR81H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. LR8127H, Type "H"
Active door to be equipped with No. LR8123H, Type "H"

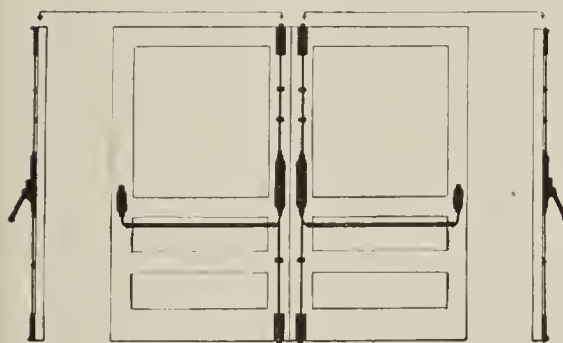


No. LR8127H No. LR8123Hx2660
Combination No. LR081H

COMBINATION NO. LR081H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. LR8127H, Type "H"
Active door to be equipped with LR8123Hx2660, Type "H"

ARCHITECT'S NOTE—If inactive door should have dummy trim, specify so.



No. LR8127H No. LR8127H
Combination No. LR85H

COMBINATION NO. LR85H DOUBLE EXIT DOORS

Both doors to be equipped with No. LR8127H, Type "H"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

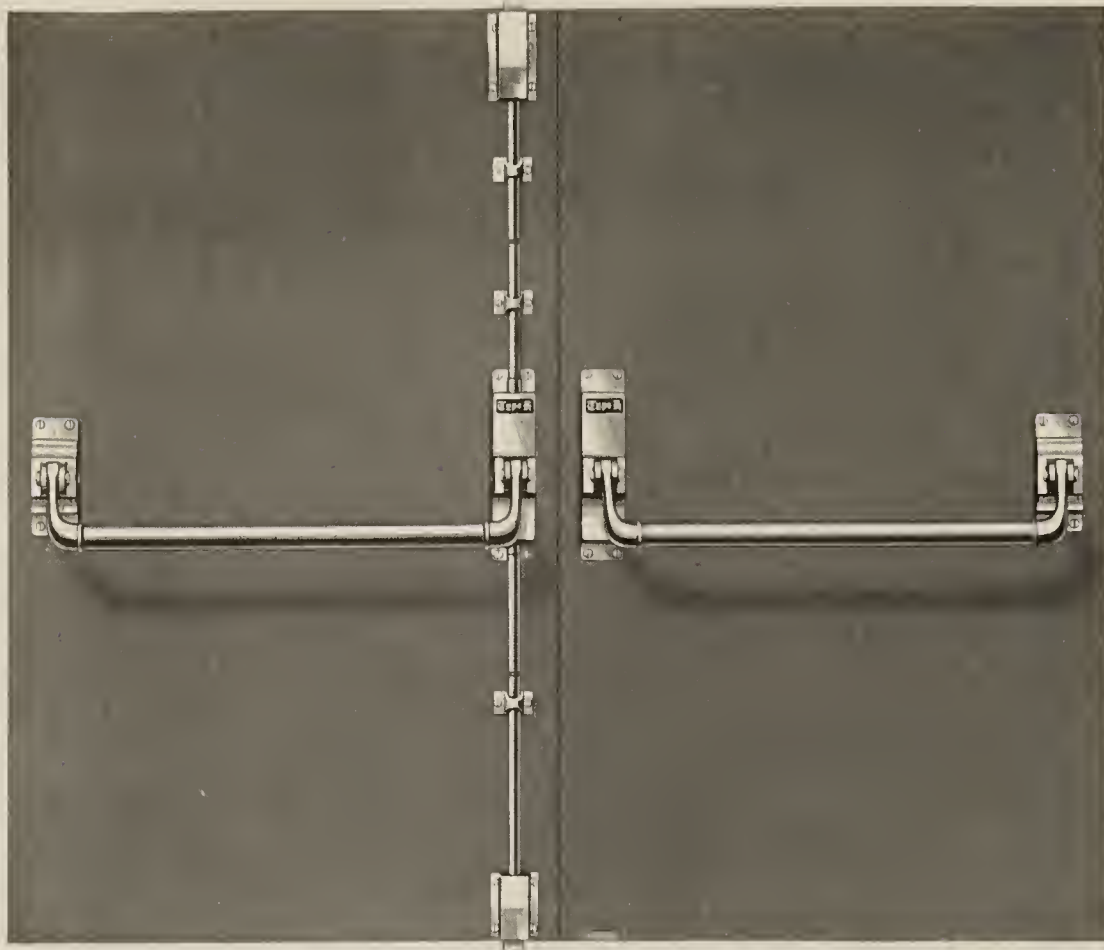
Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

TYPE "H"

For Double Entrance Doors Opening Outward
WHERE THRESHOLD IS USED



Inactive 8127H
Gravity



Inactive Door 8127H Buffer No. 248 Active Door 8724H



Active 8724H

Inside Elevation Combination No. 82H
Special Features Described on Page 58. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

FOR ACTIVE BOOK							Back	Shipping
	Lock	Cylinder	Strike	Trim	Buffer	Spacing	Set	Weight
Device 8724H.....	24	3215	245J	2640R	248	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	20 lbs.
Catalog, page.....	110	117	125	98	122			
Device NL8724H.. NL24	3215	245J	NL2640R	248	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	20 lbs.	
Catalog, page.....	110	117	125	98	122			
Device 8722H.....	22	3215	245J	2590	248	3 $\frac{7}{8}$ "	2 $\frac{7}{8}$ "	20 lbs.
Catalog, page.....	108	117	125	96	122			
Device NL8741H.. NL24	3215	245J	None	248	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	17 lbs.	
Catalog, page.....	110	117	125	122				
Device 8730H.....	30	None	294J	None	248	....	3"	16 lbs.
Catalog, page.....	106		125	122				

FOR INACTIVE DOOR

		Lower Strike	Upper Strike				
Device 8127H.....	...	...	251L	281U	...	...	21 lbs.
Catalog, page.....		121	122				

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.
Prefix LR indicates latch retractor head, see page 66.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

For "travel control" of double doors with overlapping astragal, see page 116A.

To overcome door shrinkage, see Adjustable Strike No. 247J (can be furnished at additional charge), see page 125.

Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 139.

VON DUPRIN metal thresholds, see page 120.

Metal Door Reinforcement Chart, see page 138.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.



Active NL8724H



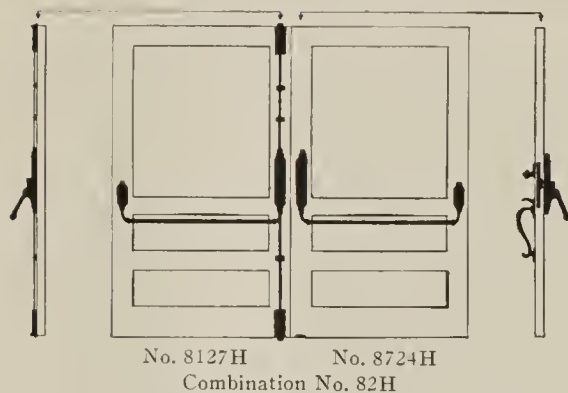
Active 8722H



Active NL8741H

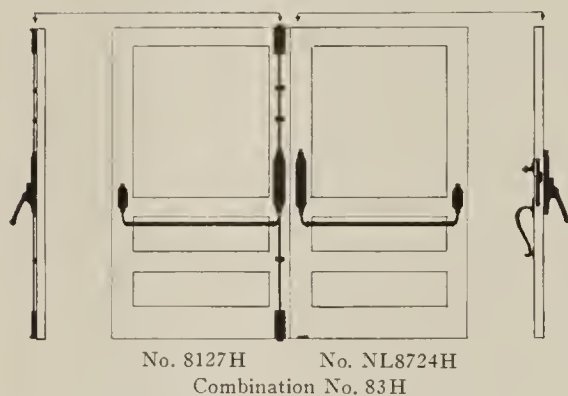
Practical Combinations for Double Doors

WHERE THRESHOLD IS USED



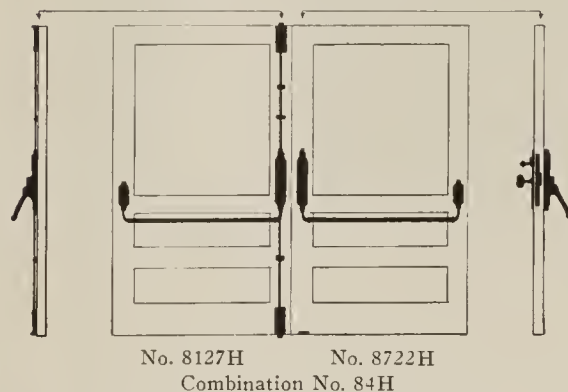
COMBINATION NO. 82H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 8127H, Type "H"
Active door to be equipped with No. 8724H, Type "H"



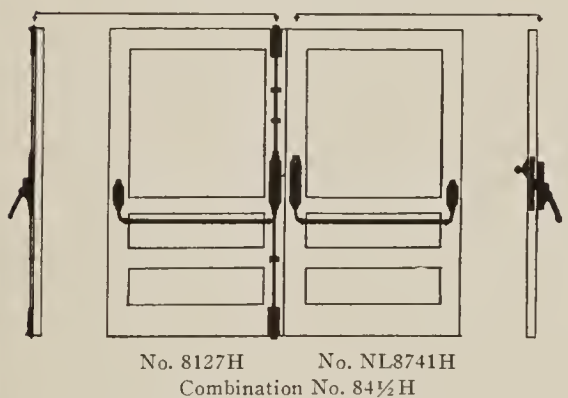
COMBINATION NO. 83H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 8127H, Type "H"
Active door to be equipped with No. NL8724H, Type "H"



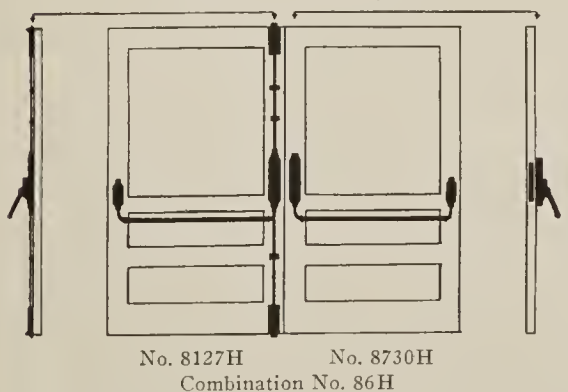
COMBINATION NO. 84H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 8127H, Type "H"
Active door to be equipped with No. 8722H, Type "H"



COMBINATION NO. 84½H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 8127H, Type "H"
Active door to be equipped with No. NL8741H, Type "H"



COMBINATION NO. 86H DOUBLE EXIT DOORS

Inactive door to be equipped with No. 8127H, Type "H"
Active door to be equipped with No. 8730H, Type "H"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.
Zinc etchings only suggest various combinations. Detail of devices will be found
on opposite page.

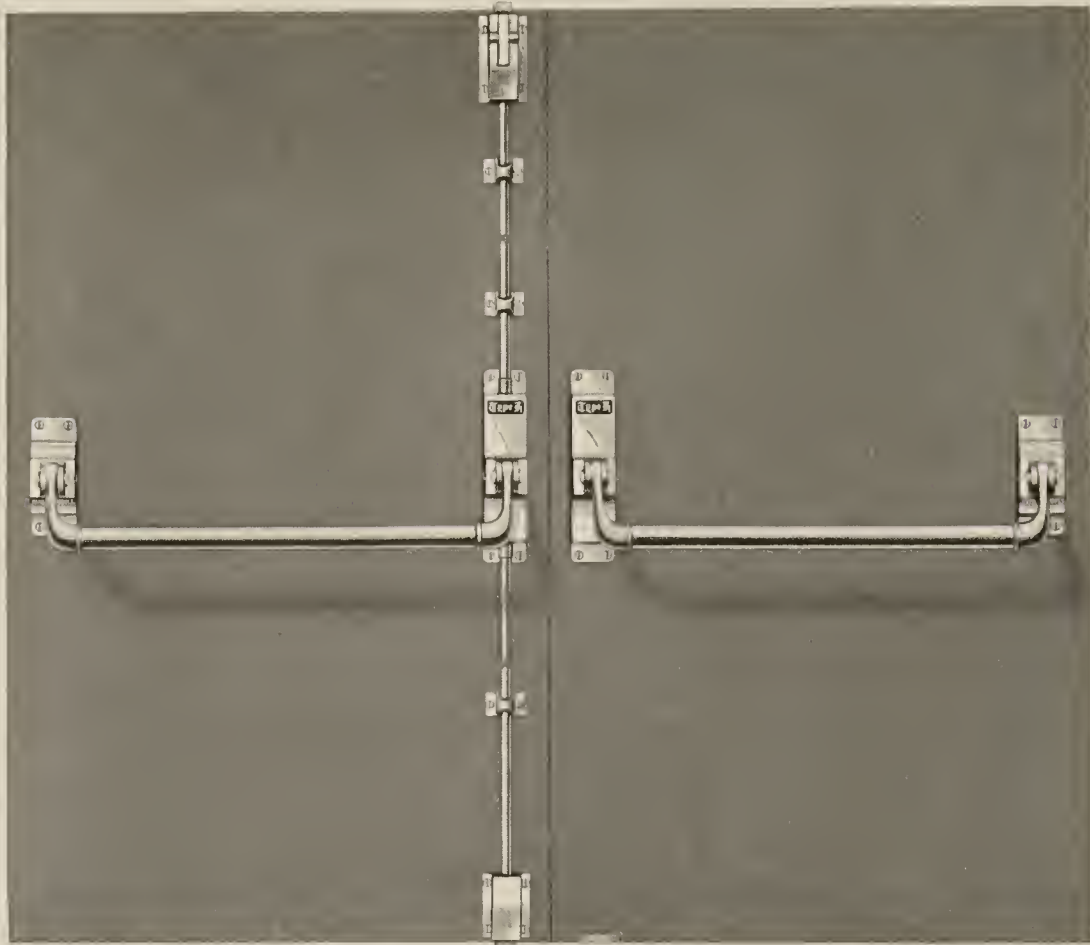
TYPE "H"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS NOT USED



Inactive LR8127H
Gravity



Inactive Door LR8127H Buffer No. 248 Active Door 8724H
Inside Elevation Combination No. LR82H
Special Features Described on Page 58. Not Reversible



Active 8724H



Active NL8724H



Active 8722H



Active NL8741H

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Lock	Cylinder	Strike	Trim	Buffer	Spacing	Back Set	Shipping Weight
Device 8724H	24	3215	245J	2640R	248	4 5/16"	2 7/8"	20 lbs.
Catalog, page	110	117	125	98	122			
Device NL8724H ..	NL24	3215	245J	NL2640R	248	4 5/16"	2 7/8"	20 lbs.
Catalog, page	110	117	125	98	122			
Device 8722H	22	3215	245J	2590	248	3 5/8"	2 7/8"	20 lbs.
Catalog, page	108	117	125	96	122			
Device NL8741H ..	NL24	3215	245J	None	248	4 5/16"	2 7/8"	17 lbs.
Catalog, page	110	117	125		122			
Device 8730H	30	None	294J	None	248	None	3"	16 lbs.
Catalog, page	106		125		122			

FOR INACTIVE DOOR

	Lower Strike	Upper Strike						
Device LR8127H ..	251L	286U	...	...	...	...	...	21 lbs.
Catalog, page	121	125						

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

For "travel control" of double doors with overlapping astragal, see page 116A.

To overcome door shrinkage, see Adjustable Strike No. 247J (can be furnished at additional charge), see page 125.

Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 139.

VON DUPRIN metal thresholds, see page 120.

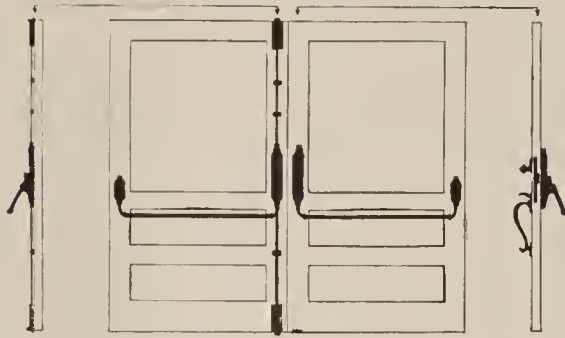
Metal Door Reinforcement Chart, see page 138.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.

Practical Combinations for Double Doors

WHERE THRESHOLD IS NOT USED

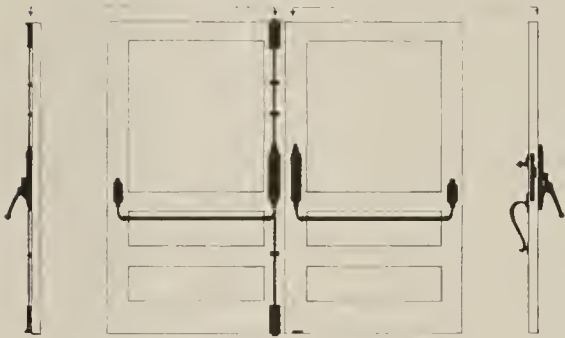


No. LR8127H No. 8724H
Combination No. LR82H

COMBINATION NO. LR82H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. LR8127H, Type "H"

Active door to be equipped with No. 8724H, Type "H"



No. LR8127H No. NL8724H
Combination No. LR83H

COMBINATION NO. LR83H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. LR8127H, Type "H"

Active door to be equipped with No. NL8724H, Type "H"

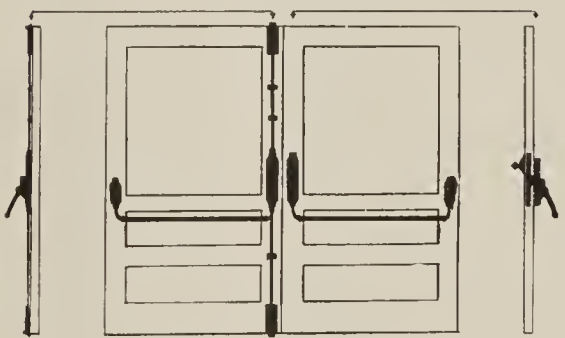


No. LR8127H No. 8722H
Combination No. LR84H

COMBINATION NO. LR84H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. LR8127H, Type "H"

Active door to be equipped with No. 8722H, Type "H"

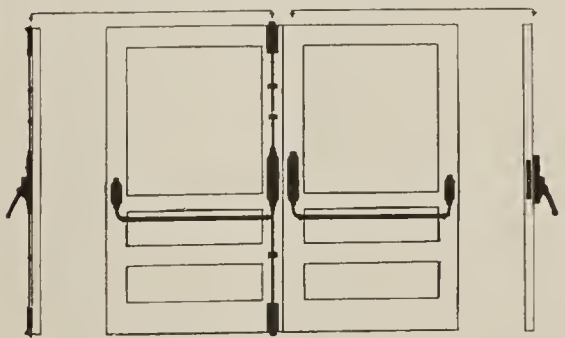


No. LR8127H No. NL8741H
Combination No. LR84½H

COMBINATION NO. LR84½H MAIN ENTRANCE DOORS

Inactive door to be equipped with No. LR8127H, Type "H"

Active door to be equipped with No. NL8741H, Type "H"



No. LR8127H No. 8730H
Combination No. LR86H

COMBINATION NO. LR86H DOUBLE EXIT DOORS

Inactive door to be equipped with No. LR8127H, Type "H"

Active door to be equipped with No. 8730H, Type "H"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations. Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

TYPE "H"

For Single Entrance Doors Opening Outward



8124H



Inside Elevation



NL8124H

Special Features Described on Page 58. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 8124H	24	3215	244J	2640R	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	20 lbs.
Catalog, page	110	117	124	98			
Device NL8124H	NL24	3215	244J	NL2640R	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	20 lbs.
Catalog, page	110	117	124	98			
Device 8122H	22	3215	244J	2590	3 $\frac{7}{32}$ "	2 $\frac{7}{8}$ "	20 lbs.
Catalog, page	108	117	124	96			
Device NL8141H	NL24	3215	244J	None	4 $\frac{5}{16}$ "	2 $\frac{7}{8}$ "	17 lbs.
Catalog, Page	110	117	124				

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix NL indicates night latch action.

Collapsible Strike No. 250J (can be furnished at an additional charge), see page 123.

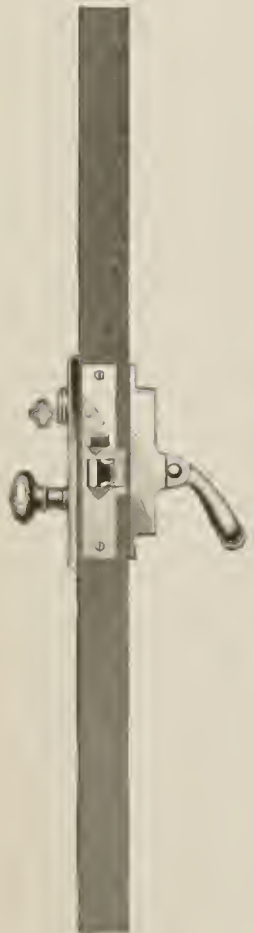
Before ordering, see pages 146-147.

Detail of construction (Functioning Member Parts Chart), see page 139.

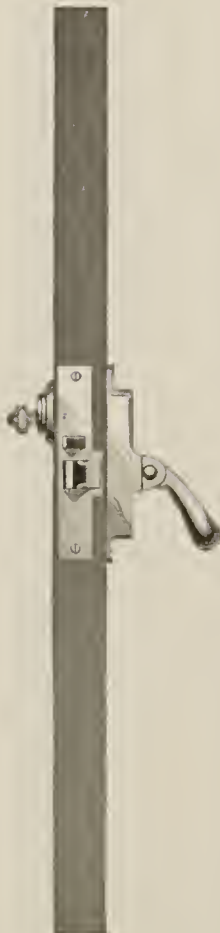
Metal Door Reinforcement Chart, see page 138.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.



8122H



8141H

TYPE "H"

For Single Doors Opening Outward

CORRIDOR TO FIRE TOWERS—FIRE ESCAPE DOORS



K8126H



Inside Elevation



8130H

Special Features Described on Page 58. Not Reversible



8129 1/2 H



8129H

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Strike	Trim	Back Set	Shipping Weight
Device K8126H	26K	226J	2610	2 1/2"	13 lbs.
Catalog, page	107	124	96		
Device 8129H	29	226J	None	2 1/2"	12 lbs.
Catalog, page	106	124			
Device 8129 1/2 H	R29	229RJ	None	2 3/4"	12 lbs.
Catalog, page	106	124			
Device 8130H	30	307J	None	3"	13 lbs.
Catalog, page	106	124			

All brass or bronze. Polished brass furnished unless otherwise specified.
Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 139.
Metal Door Reinforcement Chart, see page 138.

Special exterior trims, see page 96.

Approximate time required for application for estimating purposes, see page 147.

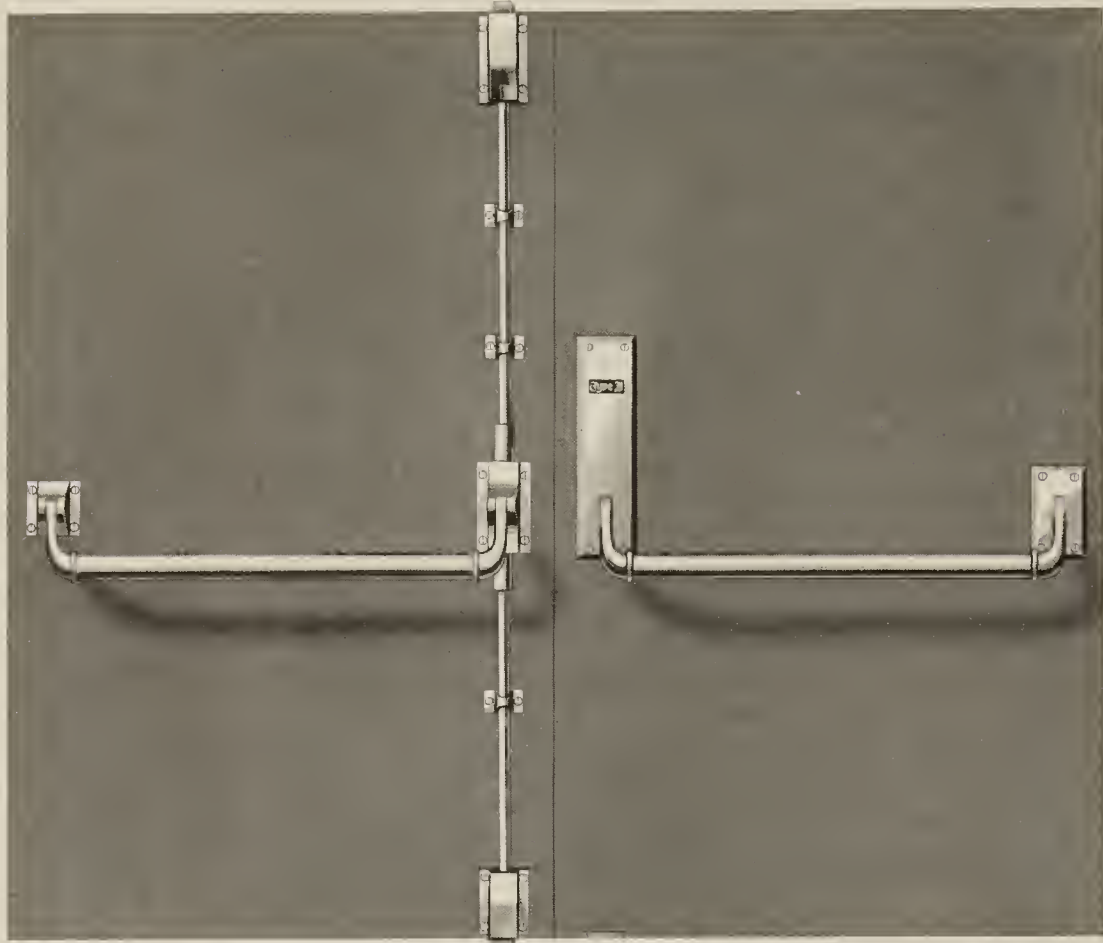
TYPE "J"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS USED



Inactive 4127J
Gravity



Ináctve Door 4127J

Buffer No. 248

Active Door 4724J



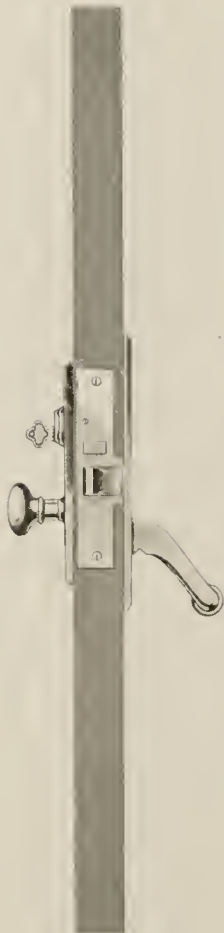
Active 4724J

Inside Elevation Combination No. 42J

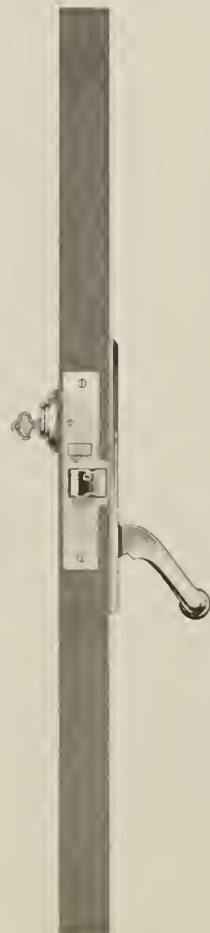
Special Features Described on Page 70A. Not Reversible



Active NL4724J



Active 4722J



Active NL4741J

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

FOR ACTIVE DOOR									Shipping
		Lock	Cylinder	Strike	Trim	Buffer	Spacing	Back Set	Weight
Device 4724J	24	3215	245J	2640R	248	4 ⁵ / ₈ "	2 ⁷ / ₈ "		19 lbs
Catalog, page	110	117	125	98	122				
Device NL4724J ..	NL24	3215	245J	NL2640R	248	4 ⁵ / ₈ "	2 ⁷ / ₈ "		19 lbs.
Catalog, page	110	117	125	98	122				
Device 4722J	22	3215	245J	2590W	248	3 ⁷ / ₈ "	2 ⁷ / ₈ "		18 lbs.
Catalog, page	108	117	125	96	122				
Device BK4722J ..	BK22	None	245J	2597BKW	248	3 ⁷ / ₈ "	2 ⁷ / ₈ "		18 lbs.
Catalog, page	108		125	96	122				
Device NL4741J ..	NL24	3215	245J	None	248	4 ⁵ / ₈ "	2 ⁷ / ₈ "		17 lbs.
Catalog, page	110	117	125		122				
Device 4730J	30	None	294J	None	248	....	3"		16 lbs.
Catalog, page	106		125		122				

FOR INACTIVE DOOR

		Lower Strike	Upper Strike			Shipping Weight
Device 4127J .....	...	251L	281U	....	....	20 lbs.
Catalog, page		121	122			

All brass or bronze. Polished brass furnished unless otherwise ordered.

Prefix NL indicates night latch action.

Prefix LR indicates latch retractor head.

Prefix BK indicates bit key.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

For "travel control" of double doors with overlapping astragal, see page 116A.

To overcome door shrinkage, see Adjustable Strike No. 247J (can be furnished at additional charge), see page 123.

Before ordering, see pages 146, 147.

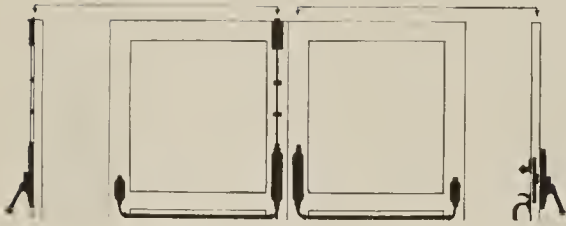
VON DUPRIN metal thresholds, see page 120.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.

Practical Combinations for Double Doors

WHERE THRESHOLD IS USED



COMBINATION NO. 42J MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 4127J, Type "J"

Active door to be equipped with No. 4724J, Type "J"

Type "J"

Gravity Acting Vertical Rods (Not Reversible), Single Acting, Toward the Door

The following pages 70 to 73 show Type "J"

A STANDARD single acting mortise lock type panic device, embodying such of the Type "B" refinements as are shown below. Sturdy in construction. Featured to unlatch latch bolts from in-

side by touch against cross bar at any point at all times.

All interior parts are made of special hard brass, bars and external members are made of brass or bronze.

Feature No.	FEATURES	As Type "B" Feature No.	Page
1.	Single acting (toward the door), full 1" 16-gauge seamless brass or bronze tube cross bar.....	1	14
2.	Vertical rods 1/2" diam. (gravity controlled) and cases top and bottom have long swing Pullman type vertical latches both terminals. Rods are entirely independent of each other, giving easy action which subjects them to the normal check operation without extra tension, and insures latching at all times regardless of how it comes in contact with strike.		
3.	German piano wire springs in main and end case of mortise lock types.		
4.	Buffer Plate No. 248 for active door of double doors, preventing crowding of door past the strike engagement plane, which function would release auxiliary bolt and permit picking of main latch or lock bolt with knife or other instrument.....	10	14
5.	Long-life cylinder locks made especially for panic bolt service, see pages 108 to 116.		

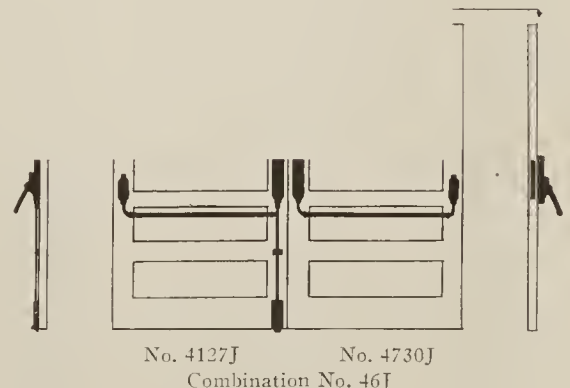
Refer to page 149 for guide of other VON DUPRIN devices than Type "B" and their numbers comparable for general operation, using Type "B" as a basis.
See pages 144 and 145 for other manufacturers' competitive devices.

[70A]

COMBINATION NO. 46J DOUBLE EXIT DOORS

Inactive door to be equipped with No. 4127J, Type "J"

Active door to be equipped with No. 4730J, Type "J"



AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

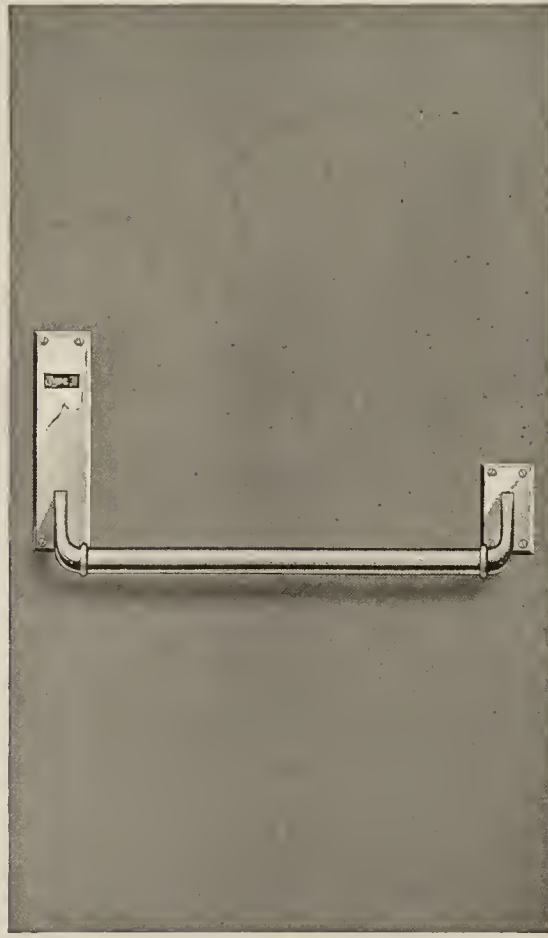
Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

TYPE "J"

For Single Entrance Doors Opening Outward



4124J



Inside Elevation



NL4124J

Special Features Described on Page 70A. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 4124J	24	3215	244J	2640R	4 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "	19 lbs.
Catalog, page	110	117	124	98			
Device NL4124J	NL24	3215	244J	NL2640R	4 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "	19 lbs.
Catalog, page	110	117	124	98			
Device 4122J	22	3215	244J	2590W	3 $\frac{3}{4}$ "	2 $\frac{7}{8}$ "	18 lbs.
Catalog, page	108	117	124	96			
Device BK4122J	BK22	None	244J	2597BKW	3 $\frac{3}{4}$ "	2 $\frac{7}{8}$ "	18 lbs.
Catalog, page	108		124	96			
Device NL4141J	NL24	3215	244J	None	4 $\frac{5}{8}$ "	2 $\frac{7}{8}$ "	17 lbs.
Catalog, page	110	117	124				

All brass or bronze. Polished brass furnished unless otherwise ordered.

Prefix NL indicates night latch action.

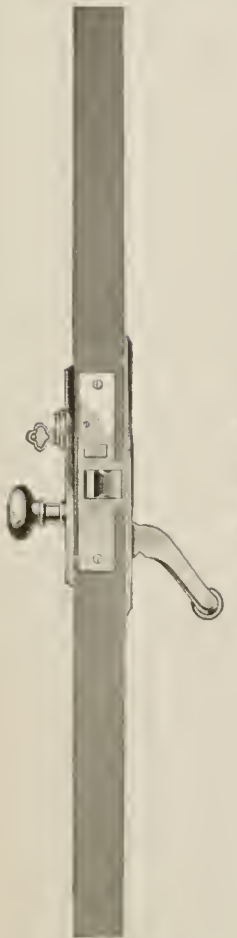
Prefix BK indicates bit key.

Collapsible Strike No. 250J (can be furnished at an additional charge), see page 123.

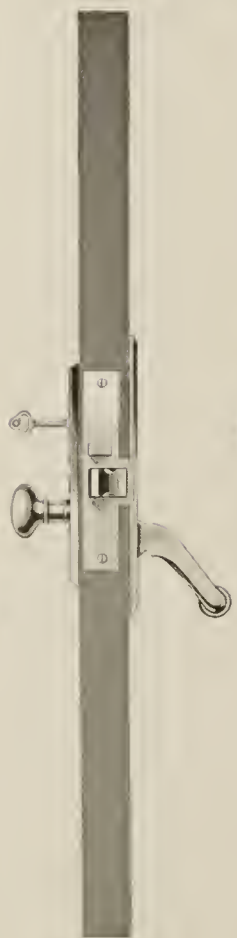
Before ordering, see pages 146, 147.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.



4122J



BK4122J



NL4141J

TYPE "J"

For Single Doors Opening Outward

CORRIDOR TO FIRE TOWERS—FIRE ESCAPE DOORS



K4126J



Inside Elevation



4130J

Special Features Described on Page 70A. Not Reversible



4129 1/2 J



4129J

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Strike	Trim	Back Set	Shipping Weight
Device K4126J	26K	226J	2610	2 1/2"	12 lbs.
Catalog, page	107	124	96		
Device 4129J	29	226J	None	2 1/2"	11 lbs.
Catalog, page	106	124			
Device 4129 1/2 J	R29	229RJ	None	2 3/4"	11 lbs.
Catalog, page	106	124			
Device 4130J	30	307J	None	3"	12 lbs.
Catalog, page	106	124			

All brass or bronze. Polished brass furnished unless otherwise ordered.

Before ordering, see pages 146, 147.

Special exterior trims, see page 96.

Approximate time required for application for estimating purposes, see page 147.

Type "K"

Approved by the Underwriters' Laboratories SA-163 Under Life Hazard and Casualty Department

Double Acting Cross Bar to or from the Door (Not Reversible)

The following pages 75 to 87 show Type "K"

STANDARD double acting mortise lock type panic device, embodying such of the Type "B" refinements as are shown below.

Symmetrically designed, sturdy in construction.

Featured to unlatch latch bolts from inside by touch against or pull up on cross bar at any point at all times.

All interior parts are made of special hard brass, bars and external members are made of brass or bronze only.

Feature No.	FEATURES	As Type "B"	
		Feature No.	Page
1.	Double acting (to or from the door), full 1" 16-gauge seamless brass or bronze tube cross bar.....	1	14
2.	Improved method of dogging the cross bar down—a direct drive into the lever arm controlled by two-point key. The housing is lined with seamless steel sleeve (see feature 11), a drive fit. Dogging feature furnished on both ends of the cross bar, insuring absolute rigidity	3	14
3.	New axle so constructed that axle cannot lose out or be removed by children.....	4	14
4.	Easy spring Pullman type long swing vertical latches subject to normal check operation (entirely independent of each other).....	5	14
5.	Special phosphorus bronze wire compression springs in main and hinged end case.....	6	14
6.	Buffer Plates No. 248 for active door of double doors, preventing crowding of door past the strike engagement plane, which function would release auxiliary bolt and permit picking of main latch or lock bolt with knife or other instrument.....	10	14
7.	Cross bar levers showing hole drilled for axle and dogging feature, housing of dogging feature hole is lined with case-hardened steel sleeve, eliminating all friction and wear	11	14
8.	Long-life cylinder locks made especially for panic bolt service, same as Type "B", see pages 108 to 116.		

For reinforcing metal doors, see chart, page 140.

For detailed information regarding Type "K", see pages 75 to 87.

For interior functioning member details, see page 141.

Made in brass or bronze only.

Refer to page 140 for guide of other VON DUPRIN devices than Type "B" and their numbers comparable for general operation, using Type "B" as a basis.

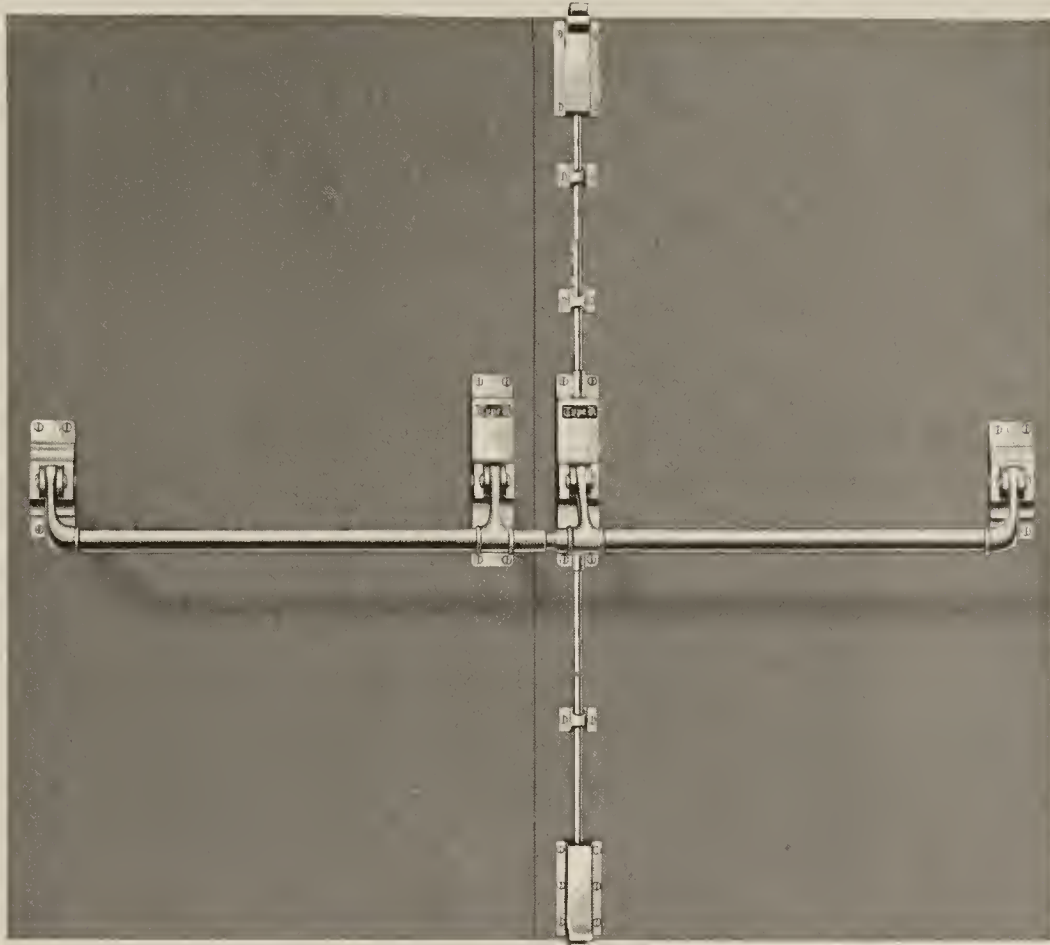
See pages 144 and 145 for other manufacturers' competitive devices.

TYPE "K"

For Double Exit Doors Opening Outward

Both doors equipped with a complete device is preferable (see Combination No. 25K, page 77). No. 2172K, however, is more economical in price. Has no outside unlatching feature.

NOT SATISFACTORY ON DOORS LESS THAN 28" WIDE AND 5" STILES.



Inside Elevation

Special Features Described on Page 74. Not Reversible

OPERATION

Featured to unlatch latch bolts from inside by TOUCH AGAINST OR PULL UP ON BAR AT ANY POINT. Latch bolts can be dogged in retracted position by cylindrical lock feature on main cross bar case, and on hinged end of cross bar, insuring absolute rigidity.

Latch Case 20K, see page 141.

Latch retractor head, see page 119. On special order only, specify LR2172K.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lower Strike	Upper Strike	Shipping Weight
Device 2172K	251L	273U	34 lbs.
Catalog, page	121	122	

All brass or bronze. Polished brass furnished unless otherwise ordered.

For "travel control" of double doors with overlapping astragal, see page 116A.

Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 141.

VON DUPRIN metal thresholds, see page 120.

Metal Door Reinforcement Chart, see page 140.

Approximate time required for application for estimating purposes, see page 147.



2172K

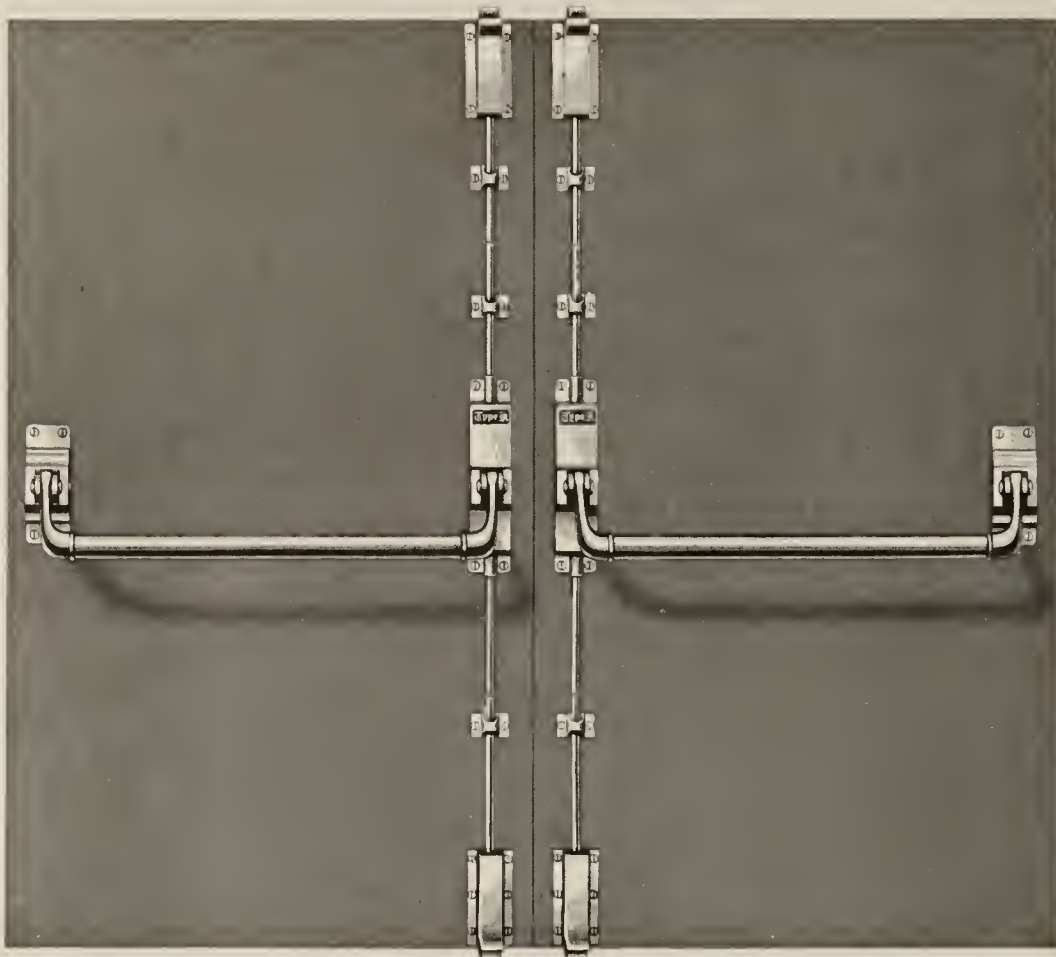
TYPE "K"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS USED



Inactive 2127K



Inactive Door 2127K

Active Door 2123K



Active 2123K

Inside Elevation Combination No. 21K

Special Features Described on Page 74. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

		FOR ACTIVE DOOR				Shipping Weight
	Cylinder	Lower Strike	Upper Strike	Trim	Spacing	
Device 2123K	3216	251L	273U	2580	3 1/8"	22 lbs.
Catalog, page	117	121	122	96		
Device 2123Kx2660 ..	3216	251L	273U	2660	....
Catalog, page	117	121	122	97		
		FOR INACTIVE DOOR				Shipping Weight
		Lower Strike	Upper Strike			
Device 2127K .....	....	251L	273U	....	....	21 lbs.
Catalog, page		121	122			

All brass or bronze. Polished brass furnished unless otherwise ordered.
Prefix LR indicates latch retractor head, see page 119.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

For "travel control" of double doors with overlapping astragal, see page 116A.
Before ordering, see pages 146, 147.

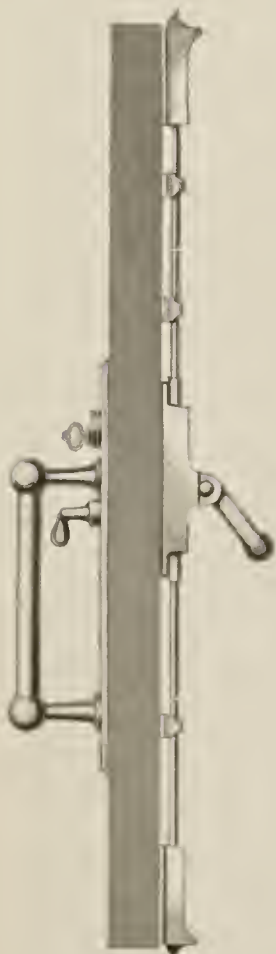
Detail of construction (Functioning Member Parts Chart), see page 141.

VON DUPRIX metal thresholds, see page 120.

Metal Door Reinforcement Chart, see page 140.

Special exterior trims, see pages 96, 97.

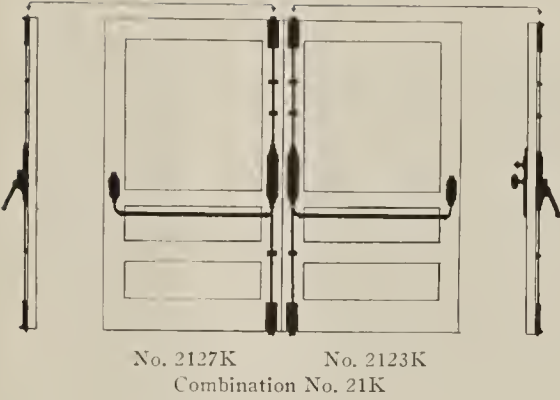
Approximate time required for application for estimating purposes, see page 147.



2133Kx2660

Practical Combinations for Double Doors

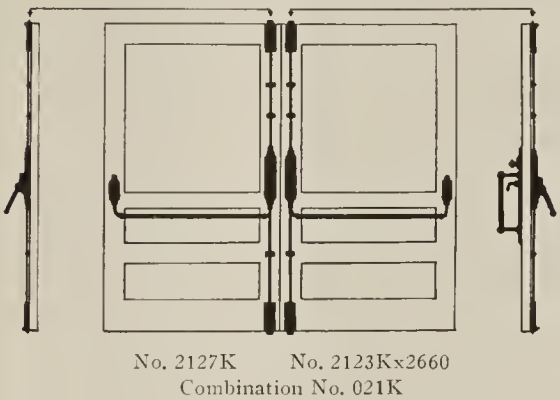
WHERE THRESHOLD IS USED



COMBINATION NO. 21K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2127K, Type "K"

Active door to be equipped with No. 2123K, Type "K"

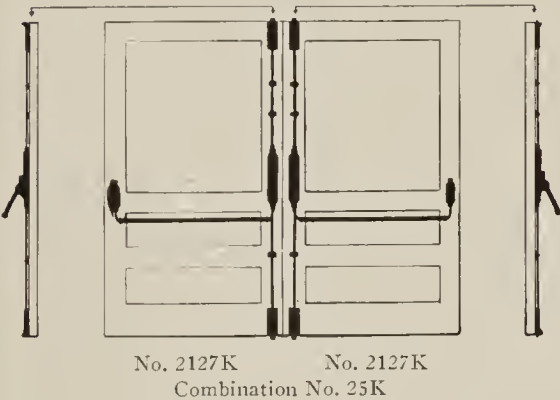


COMBINATION NO. 021K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2127K, Type "K"

Active door to be equipped with No. 2123Kx2660, Type "K"

ARCHITECT'S NOTE—If inactive door should have dummy trim, specify so.



COMBINATION NO. 25K DOUBLE EXIT DOORS

Both doors to be equipped with No. 2127K, Type "K"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

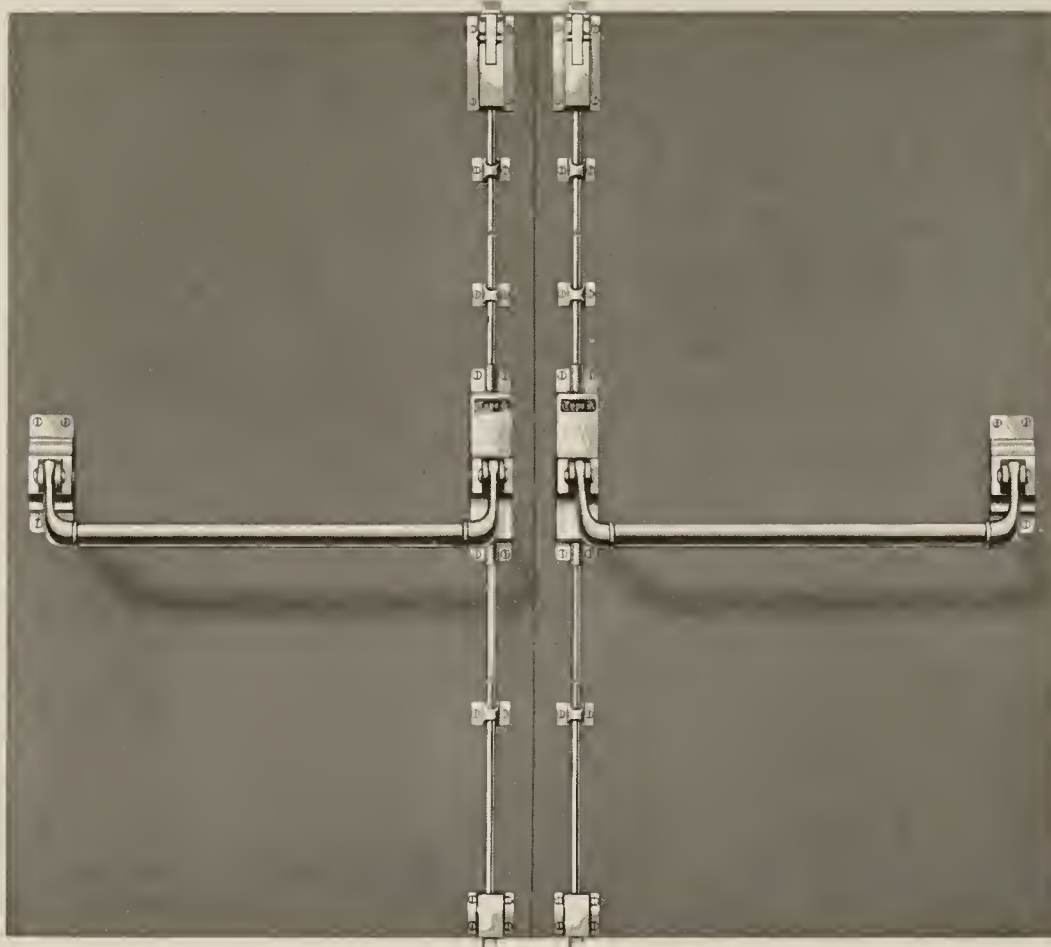
TYPE "K"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS NOT USED



Inactive 2137K



Inactive Door 2137K

Active Door 2133K



Active 2133K

Inside Elevation Combination No. LR21K

Special Features Described on Page 74. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Cylinder	Lower Strike	Upper Strike	Trim	Spacing	Shipping Weight
Device 2133K	3216	242L	271U	2580	3 1/8"	22 lbs.
Catalog, page	117	122	122	96		
Device 2133Kx2660 ..	3216	242L	271U	2660	....	24 lbs.
Catalog, page	117	122	122	97		

FOR INACTIVE DOOR

	Lower Strike	Upper Strike			Shipping Weight
Device LR2137K	242L	271U	....	....	21 lbs.
Catalog, page	122	122			

All brass or bronze. Polished brass furnished unless otherwise ordered.

Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).



Special Concrete Flush Strike
No. 242L



For "travel control" of double doors with overlapping astragal, see page 116A.

Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 141.

VON DUPRIN metal thresholds, see page 120.

Metal Door Reinforcement Chart, see page 140.

Special exterior trims, see pages 96, 97.

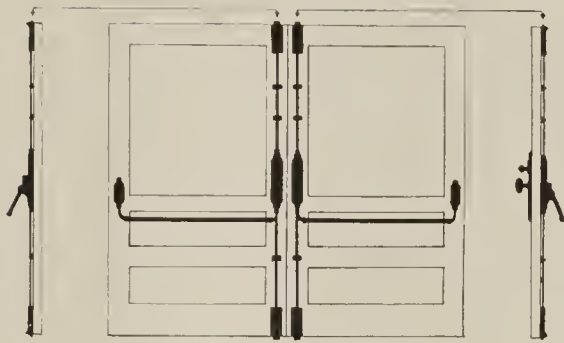
Approximate time required for application for estimating purposes, see page 147.



2133Kx2660

Practical Combinations for Double Doors

WHERE THRESHOLD IS NOT USED

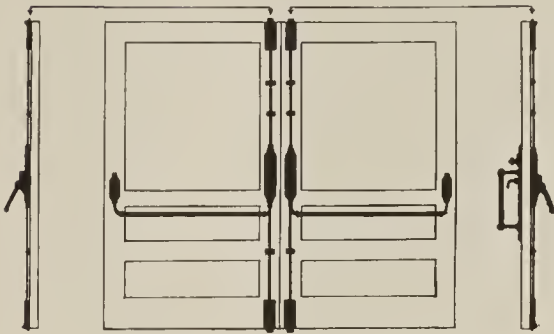


No. 2137K No. 2133K
Combination No. LR21K

COMBINATION NO. LR21K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2137K, Type "K"

Active door to be equipped with No. 2133K, Type "K"



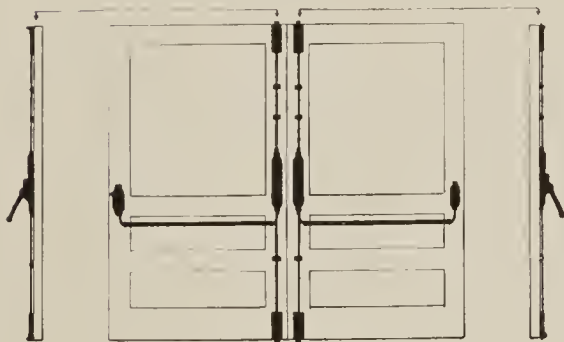
No. 2137K No. 2133Kx2660
Combination No. LR021K

COMBINATION NO. LR021K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2137K, Type "K"

Active door to be equipped with No. 2133Kx2660, Type "K"

ARCHITECT'S NOTE—If inactive door should have dummy trim, so specify.



No. 2137K No. 2137K
Combination No. LR25K

COMBINATION NO. LR25K DOUBLE EXIT DOORS

Both doors to be equipped with No. 2137K, Type "K"

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

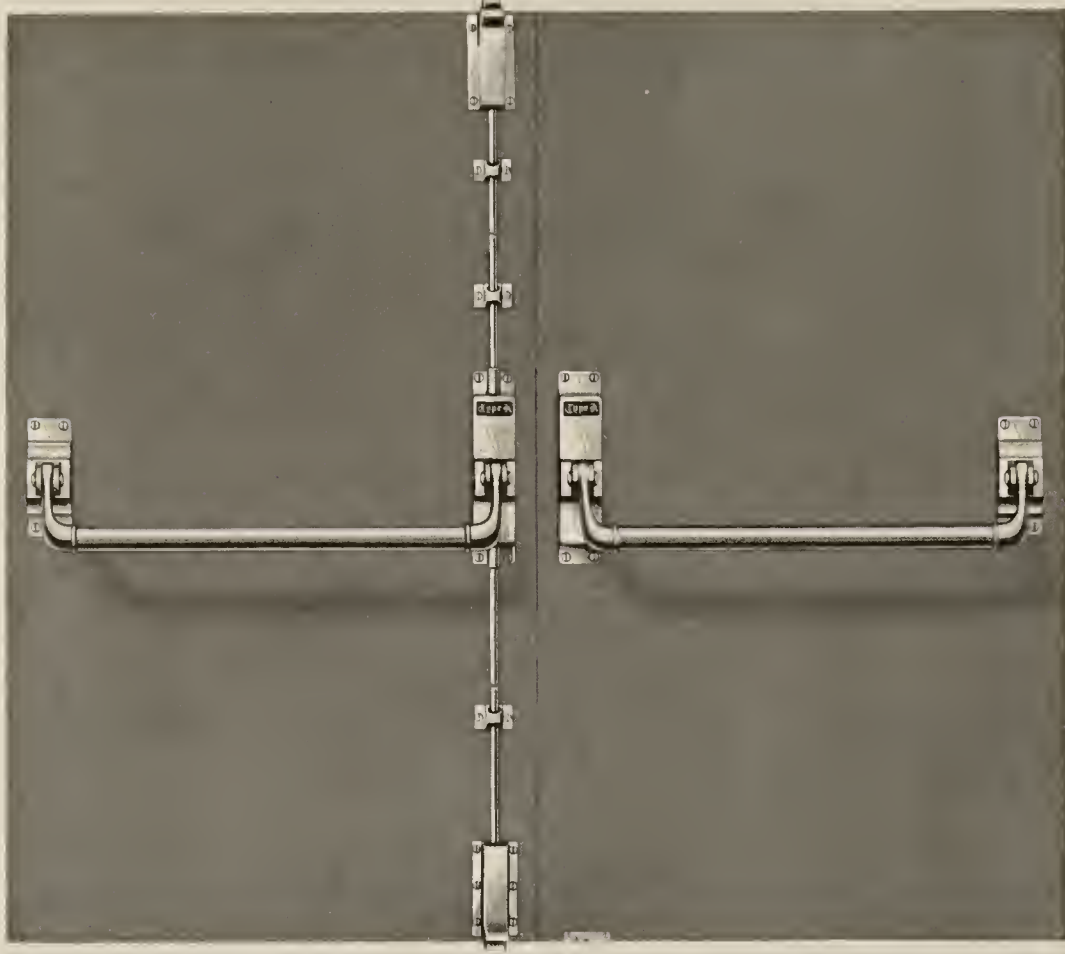
TYPE "K"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS USED



Inactive 2127K



Inactive Door 2127K Buffer No. 248 Active Door 2724K
Inside Elevation Combination No. 22K
Special Features Described on Page 74. Not Reversible



Active 2724K

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Lock Cylinder	Strike	Trim	Buffer	Spacing	Back Set	Shipping Weight
Device 2724K	24 3215	245J	2640R	248	4 5/8"	2 7/8"	20 lbs.
Catalog, page	110 117	125	98	122			
Device NL2724K .. NL24	3215	245J	NL2640R	248	4 5/8"	2 7/8"	20 lbs.
Catalog, page	110 117	125	98	122			
Device 2722K	22 3215	245J	2590	248	3 7/8"	2 7/8"	20 lbs.
Catalog, page	108 117	125	96	122			
Device NL2741K .. NL24	3215	245J	None	248	4 5/8"	2 7/8"	17 lbs.
Catalog, page	110 117	125		122			
Device 2730	30	294J	....	248	4 5/8"	3"	16 lbs.
Catalog, page	106	125		122			

FOR INACTIVE DOOR

	Lower Strike	Upper Strike			Shipping Weight
Device 2127K	251L	273U	....	....	21 lbs.
Catalog, page	121	122			

All brass or bronze. Polished brass furnished unless otherwise ordered.

Prefix NL indicates night latch action.

Prefix LR indicates Latch Retractor Head No. LR272, see page 119.



Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).

For "travel control" of double doors with overlapping astragal, see page 116A.

To overcome door shrinkage, see Adjustable Strike No. 247J (can be furnished at additional charge), see page 123.

Before ordering, see pages 146, 147.

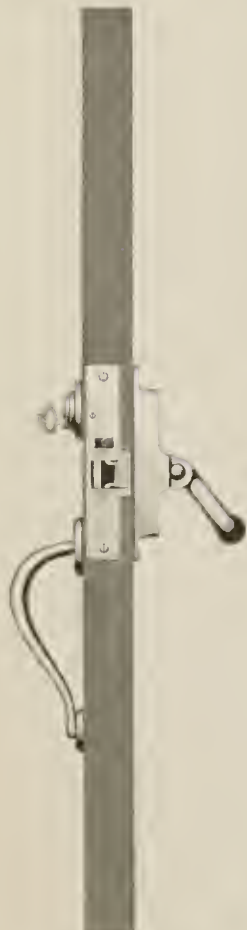
Detail of construction (Functioning Member Parts Chart), see page 141.

VON DUPRIN metal thresholds, see page 120.

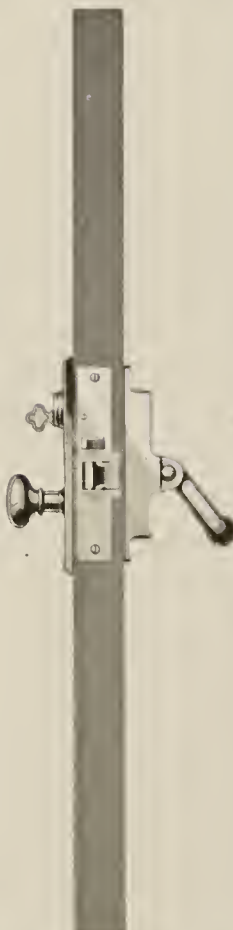
Metal Door Reinforcement Chart, see page 140.

Special exterior trims, see pages 96, 98, 99.

Approximate time required for application for estimating purposes, see page 147.



Active NL2724K



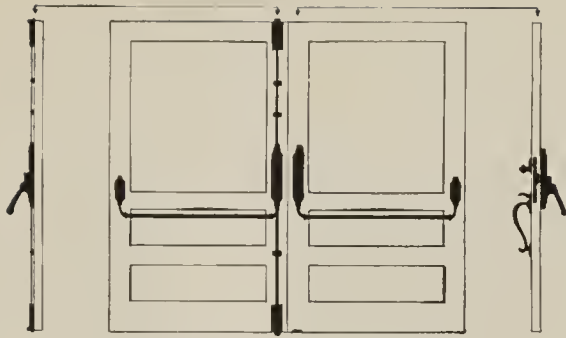
Active 2722K



Active NL2741K

Practical Combinations for Double Doors

WHERE THRESHOLD IS USED

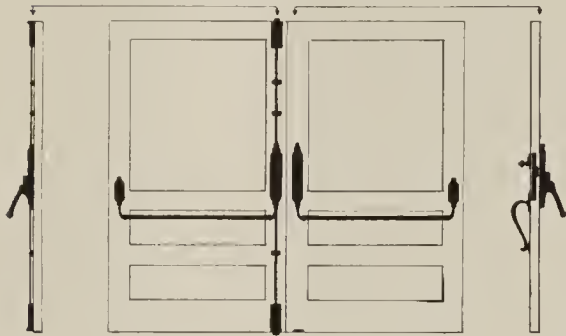


No. 2127K No. 2724K
Combination No. 22K

COMBINATION NO. 22K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2127K, Type "K"

Active door to be equipped with No. 2724K, Type "K"



No. 2127K No. NL2724K
Combination No. 23K

COMBINATION NO. 23K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2127K, Type "K"

Active door to be equipped with No. NL2724K, Type "K"



No. 2127K No. 2722K
Combination No. 24K

COMBINATION NO. 24K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2127K, Type "K"

Active door to be equipped with No. 2722K, Type "K"

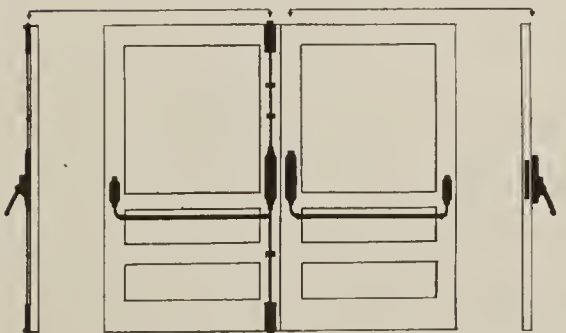


No. 2127K No. NL2741K
Combination No. 24½K

COMBINATION NO. 24½K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2127K, Type "K"

Active door to be equipped with No. NL2741K, Type "K"



No. 2127K No. 2730K—Combination No. 26K
No. 2127K No. 2734K—Combination No. 27K
No. 2127K No. K2734K—Combination No. K27K

COMBINATION NO. 26K DOUBLE EXIT DOORS

Inactive door to be equipped with No. 2127K, Type "K"

Active door to be equipped with No. 2730K, Type "K"

For Underwriters' Specification for "E" Doors, Double Fire Escape

COMBINATION NO. 27K

Inactive door to be equipped with No. 2127K, Type "K"

Active door to be equipped with No. 2734K, Type "K"

Cross bar inside. No. 34 Latch ¾" throw

If No. 34 Latch is wanted with knob inside instead of cross bar, use

COMBINATION K27K

Inactive door to be equipped with No. 2127K, Type "K"

Active door to be equipped with No. K2734K, Type "K"

With latch with knob control

Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

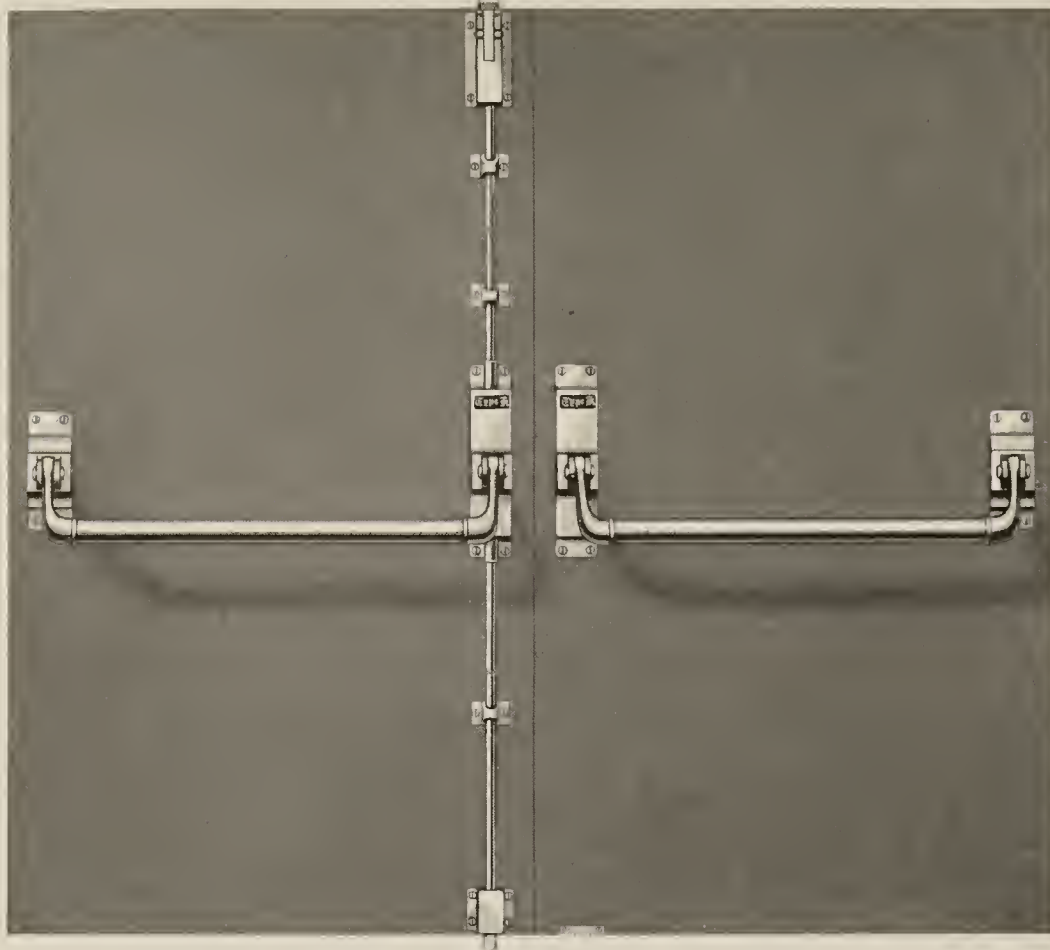
TYPE "K"

For Double Entrance Doors Opening Outward

WHERE THRESHOLD IS NOT USED



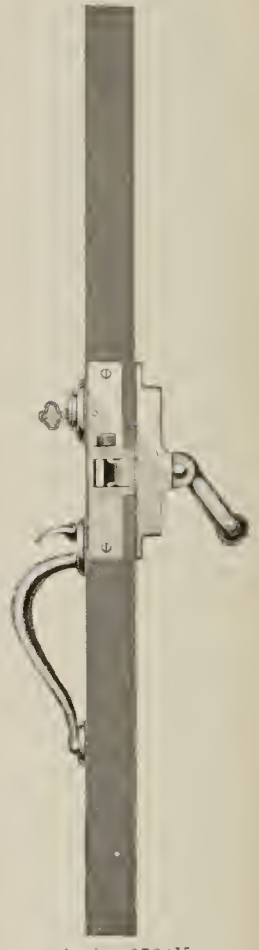
Inactive 2137K



Inactive Door 2137K Buffer No. 248 Active Door 2724K

Inside Elevation Combination No. LR22K

Special Features Described on Page 74. Not Reversible



Active 2724K

SPECIFICATIONS OF STANDARD EQUIPMENT

FOR ACTIVE DOOR

	Lock	Cylinder	Strike	Trim	Buffer	Spacing	Back Set	Shipping Weight
Device 2724K	24	3215	245J	2640R	248	4 5/16"	2 7/8"	20 lbs.
Catalog, page	110	117	125	98	122			
Device NL2724K ..	NL24	3215	245J	NL2640R	248	4 5/16"	2 7/8"	20 lbs.
Catalog, page	110	117	125	98	122			
Device 2722K	22	3215	245J	2590	248	3 3/2"	2 7/8"	20 lbs.
Catalog, page	108	117	125	96	122			
Device NL2741K ..	NL24	3215	245J	None	248	4 5/16"	2 7/8"	17 lbs.
Catalog, page	110	117	125	122				
Device 2730K	30	None	294J	None	248	4 5/16"	3"	16 lbs.
Catalog, page	106		125		122			
Device 2734K, Underwriters' "E"	34	None	294J	None	248	....	3"	16 lbs.
Catalog, page	106		125		122			

FOR INACTIVE DOOR

	Lower Strike	Upper Strike	Shipping Weight
Device 2137K	242L	271U	21 lbs.
Catalog, page	122	122	

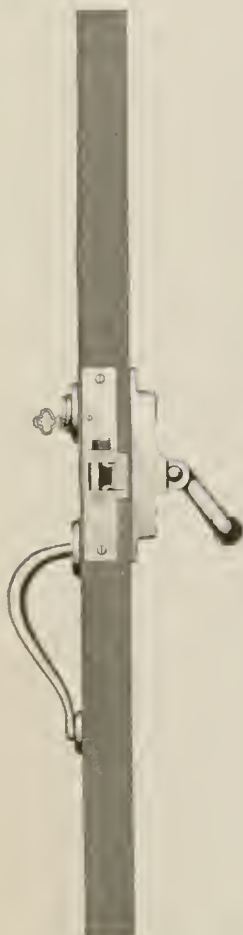


Proper astragal for double doors to insure 100% efficiency (full size details, see page 146).



Special Concrete Flush Strike 242L

All brass or bronze. Polished brass furnished unless otherwise ordered.
 Prefix NL indicates night latch action.
 For "travel control" of double doors with overlapping astragal, see page 116A.
 To overcome door shrinkage, see Adjustable Strike No. 247J (can be furnished at additional charge), see page 123.
 Before ordering, see pages 146, 147.
 Detail of construction (Functioning Member Parts Chart), see page 141.
 VON DUPRIN metal thresholds, see page 120.
 Metal Door Reinforcement Chart, see page 140.
 Special exterior trims, see pages 96, 98, 99.
 Approximate time required for application for estimating purposes, see page 147.



Active NL2724K



Active 2722K



Active NL2741K

Practical Combinations for Double Doors

WHERE THRESHOLD IS NOT USED



No. 2137K No. 2724K
Combination No. LR22K

COMBINATION NO. LR22K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2137K, Type "K"

Active door to be equipped with No. 2724K, Type "K"



No. 2127K No. NL2724K
Combination No. LR23K

COMBINATION NO. LR23K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2137K, Type "K"

Active door to be equipped with No. NL2724K, Type "K"

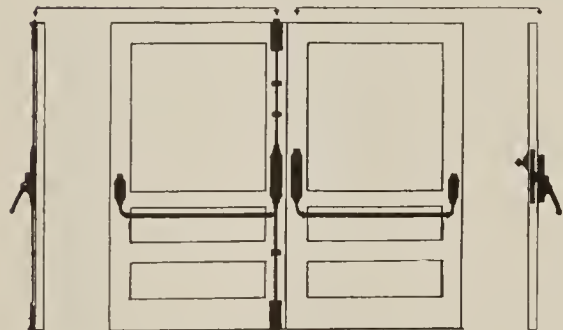


No. 2137K No. 2722K
Combination No. LR24K

COMBINATION NO. LR24K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2137K, Type "K"

Active door to be equipped with No. 2722K, Type "K"

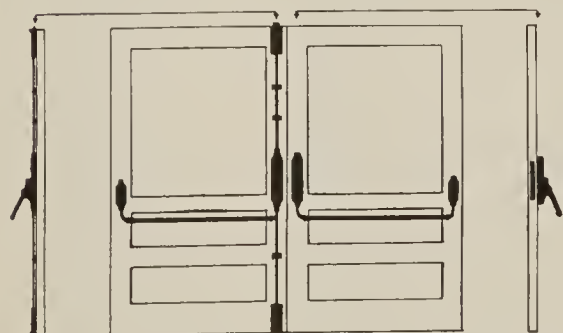


No. 2137K No. NL2741K
Combination No. LR24 1/2 K

COMBINATION NO. LR24 1/2 K MAIN ENTRANCE DOORS

Inactive door to be equipped with No. 2137K, Type "K"

Active door to be equipped with No. NL2741K, Type "K"



No. 2137K No. 2730K—Combination No. LR26K
No. 2137K No. 2734K—Combination No. LR27K
No. 2137K No. K2734K—Combination No. LRK27K

COMBINATION NO. LR26K DOUBLE EXIT DOORS

Inactive door to be equipped with No. 2137K, Type "K"

Active door to be equipped with No. 2730K, Type "K"

For Underwriters' Specification for "E" Doors, Double Fire Escape

COMBINATION NO. LR27K

Inactive door to be equipped with No. 2137K, Type "K"

Active door to be equipped with No. 2734K, Type "K"

Cross bar inside. No. 34 Latch 3/4" throw

If No. 34 Latch is wanted with knob inside instead of cross bar, use

COMBINATION NO. LRK27K

Inactive door to be equipped with No. 2137K, Type "K"

Active door to be equipped with No. K2734K, Type "K"

No. 34 Latch 3/4" throw knob control

Zinc etchings only suggest various combinations. Detail of devices will be found on opposite page.

AUTHOR'S NOTE—Every architect has his own individuality in specifying hardware, therefore we only brief the combinations.

TYPE "K"

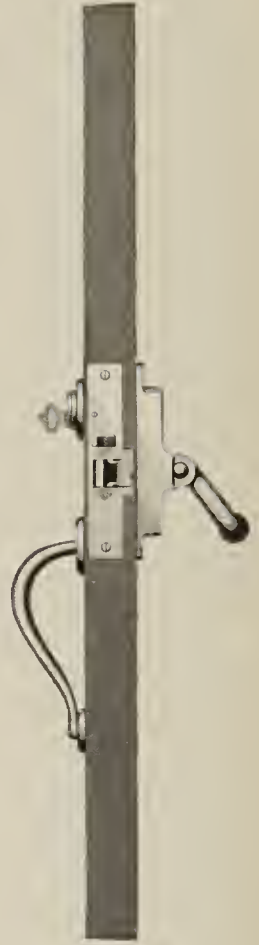
For Single Entrance Doors Opening Outward



2124K



Inside Elevation

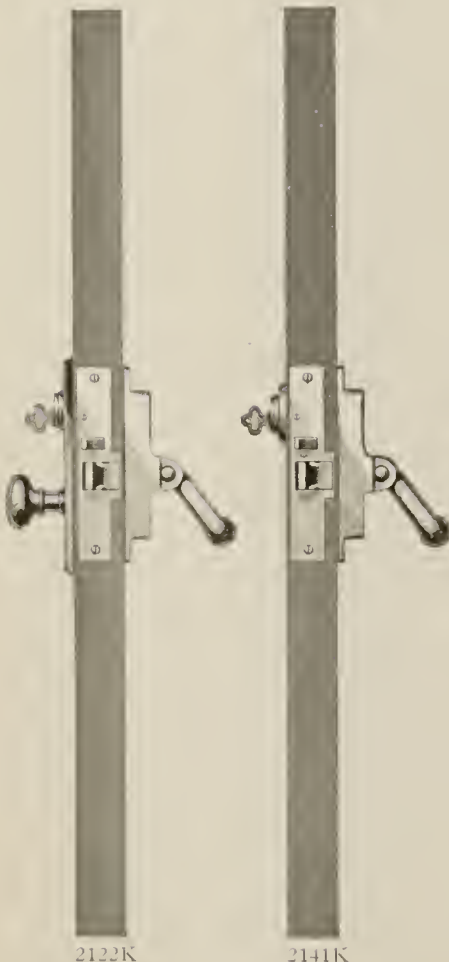


NL2124K

Special Features Described on Page 74. Not Reversible

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Cylinder	Strike	Trim	Spacing	Back Set	Shipping Weight
Device 2124K	24	3215	244J	2640R	4 5/8"	2 7/8"	20 lbs.
Catalog, page	110	117	124	98			
Device NL2124K	NL24	3215	244J	NL2640R	4 5/8"	2 7/8"	20 lbs.
Catalog, page	110	117	124	98			
Device 2122K	22	3215	244J	2590	3 3/2"	2 7/8"	20 lbs.
Catalog, page	108	117	124	96			
Device NL2141K	NL24	3215	244J	None	4 5/8"	2 7/8"	17 lbs.
Catalog, page	110	117	124				



2122K

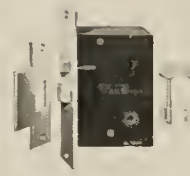
2141K



Fig. 2710
with Set
BKP2174K



Fig. 2590 1/2 BKW
with Set
BKP2172K



Lock
Fig. BK72
Fig. BK74

Lock Fig. BK72K for Knob
and Escutcheon
Lock Fig. BK74K for Grip and
Thumb Piece
Four Tumbler and Master Keyed
Case 5 1/2"x3 7/8"x3/4", Face 7 5/8"x1 1/8"
For auditorium and gymnasium
doors to corridors. Not satisfactory
for cross bars. Use with paddle only.

	Lock	Bit Key	Strike	Trim	*Spacing	†Spacing	Back Set	Shipping Weight
Device BK2172K, with knob and esc.	BK72	303	302J	2590 1/2 BKW	...	3"	2 3/4"	10 lbs.
Catalog, page	84	84	84	84				
Device BK2174K, 6" grip and th. pc.	BK74	303	302J	2710, 6" grip	4 1/4"	..	2 3/4"	10 lbs.
Catalog, page	84	84	84	84				

If wanted for double doors, use open strike No. 303J. Specify set No. BKP2772K, BKP2774K.
FEATURE: Unlocks from inside by paddle at all times—latch bolts automatically retractable.

*Center of key hole to bottom of latch lift.
†Center of key hole to center of knob hole.

Collapsible Strike No. 250J (can be furnished
on Locks 22, 24, NL24 at an additional charge),
see page 123.

Before ordering, see pages 146, 147.

Detail of construction (functioning Member
Parts Chart), see page 141.

Metal Door Reinforcement Chart, see page 140.
Special exterior trims, see pages 96, 98, 99.
Approximate time required for application for
estimating purposes, see page 147.

TYPE "K"

For Single Doors Opening Outward

CORRIDOR TO FIRE TOWERS—FIRE ESCAPE DOORS



K2126K



Inside Elevation



2130K

Special Features Described on Page 74. Not Reversible



2129 1/2 K



2129K

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lock	Strike	Trim	Back Set	Shipping Weight
Device K2126K	26K	226J	2610	2 1/2"	13 lbs.
Catalog, page	107	124	96		
Device 2129K	29	226J	None	2 1/2"	12 lbs.
Catalog, page	106	124			
Device 2129 1/2 K	R29	229RJ	None	2 3/4"	12 lbs.
Catalog, page	106	124			
Device 2130K	30	307J	None	3"	13 lbs.
Catalog, page	106	124			

All brass or bronze. Polished brass furnished unless otherwise specified.

Collapsible Strike No. 250J (can be furnished at an additional charge), see page 123.

Before ordering, see pages 146, 147.

Detail of construction (Functioning Member Parts Chart), see page 141.

Metal Door Reinforcement Chart, see page 140.

Special exterior trims, see page 96.

Approximate time required for application for estimating purposes, see page 147.

TYPE "K"

Semi-Automatic Bolts Nos. 2151K and 2251K

Roller bearing, anti-friction, with quick releasing feature. Suitable for doors opening outward. Designed for INTERIOR DOUBLE DOORS.
For use on standing door of double doors.

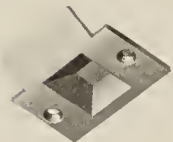
Latch bolt of No. 2151K is locked by stop bolt. When both doors are closed latch bolt is set, making it impossible to release the standing door. When active door is open stop is disengaged, latch bolt being double action, a slight pressure on the door will release the latches. Edge of active door is provided with a blank strike for bottom stop bolt. No hardware

on outside of doors.

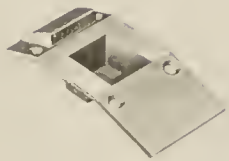
We recommend No. 2151K at bottom of door.

We recommend No. 2251K at top of door.

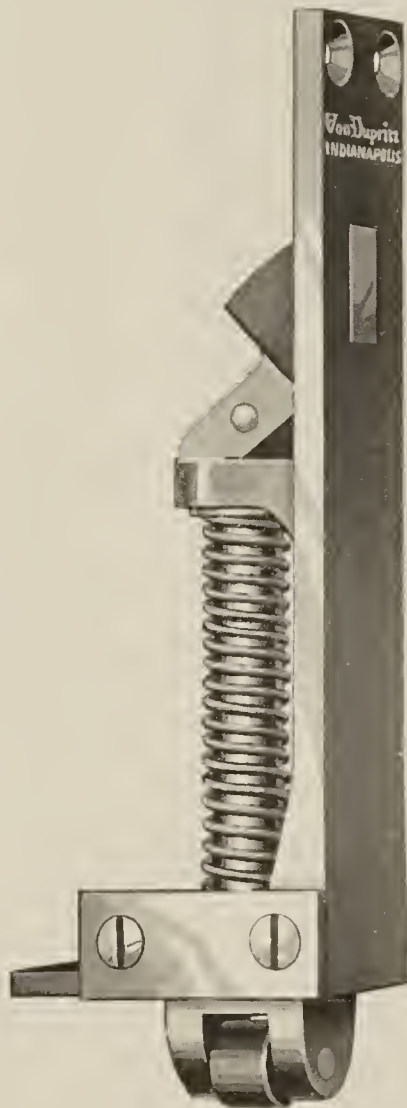
No. 2251K description is same as No. 2151K, except that it has no dead-lock auxiliary stop, leaving the latch bolt free to move at all times.



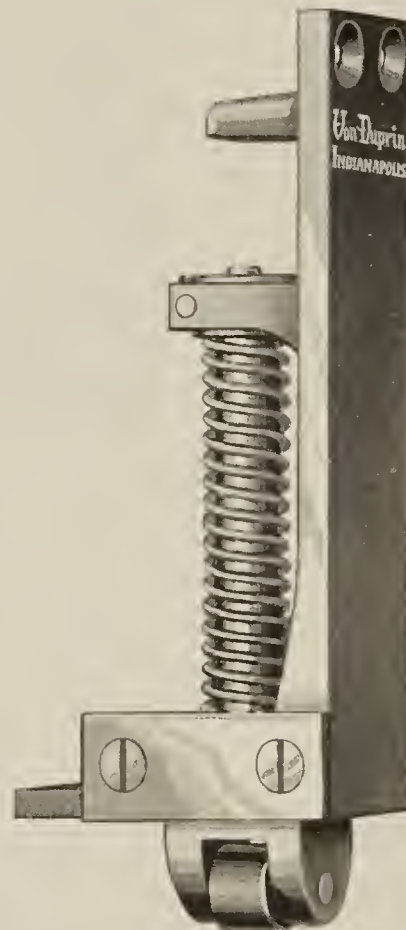
Top Strike
No. 232U



No. 1 Bottom Strike
No. 233L



No. 2151K—Stop Engaged



No. 2251K

Reversible. Made in two widths—1 $\frac{3}{8}$ " for 1 $\frac{3}{8}$ " to 1 $\frac{3}{4}$ " doors, 1 $\frac{1}{2}$ " for 2" to 3" doors.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Width of Case	Lower L Flange	Length of Bolt	Lower Strike	
No. 2151K. For bottom of door—1 $\frac{3}{8}$ " to 1 $\frac{3}{4}$ " door..	1 $\frac{3}{8}$ "	1 $\frac{3}{8}$ "x2 $\frac{1}{4}$ "	6"	233L	Page 122
2" to 3" door.....	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "	6"	233L	Page 122
No. 2251K. For top of door—1 $\frac{3}{8}$ " to 1 $\frac{3}{4}$ " door.....	1 $\frac{3}{8}$ "	1 $\frac{3}{8}$ "x2 $\frac{1}{4}$ "	5"	232U	Page 122
2" to 3" door.....	1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "x2 $\frac{1}{4}$ "	5"	232U	Page 122

All brass or bronze. Polished brass furnished unless otherwise ordered.
When ordering, specify thickness of door.

TYPE "K"

Nos. P2157K, LRP2157K and P2257K Cremorne Bolt with Panic Release Feature

For doors opening outward. Suitable for STANDING DOOR OF PAIRS OF DOORS. Push plate is so designed that a slight pressure against it will release simultaneously the top and bottom rods.



No. LRP2157K
Case 2"x8"



No. 271U



Special Concrete
Flush Strike
No. 242L
Page 122



No. P2157K
Case 2"x8"



Strike No. 273U



Lower Strike
No. 251L
Special Strikes
Page 121



No. P2257K
Inside Elevation
Case 2 1/2"x6 1/2"



Top
Strike



Bottom
Strike



"K" Paddle
For Any
Type "K"
Mortise Lock
Device

No. LRP2157K has latch retractor head. When bolts are withdrawn they are automatically held retracted until the door closes, when the retractor lever comes in contact with projected strike, releasing retractor and allowing the bolts to engage in their housings.

No. P2157K independent acting, easy spring hinged latch bolts. Top latch head can be furnished with retractor features No. 272, page 119, if so desired (on special order only).

No. P2257—full Cremorne action—a push on the paddle will release both top and bottom bolts.

No. K Paddle for any Type "K" mortise lock device—when ordering, prefix P, viz., P2122K Paddle instead of cross bar.

	LRP2157K	P2157K	P2257K
Shipping weight	14 lbs.	15 lbs.	10 lbs.

All brass or bronze. Polished brass furnished unless otherwise ordered.

Before ordering, see pages 146, 147.

VON DUPRIN metal thresholds, page 120.

Metal Door Reinforcement Chart, see page 140.

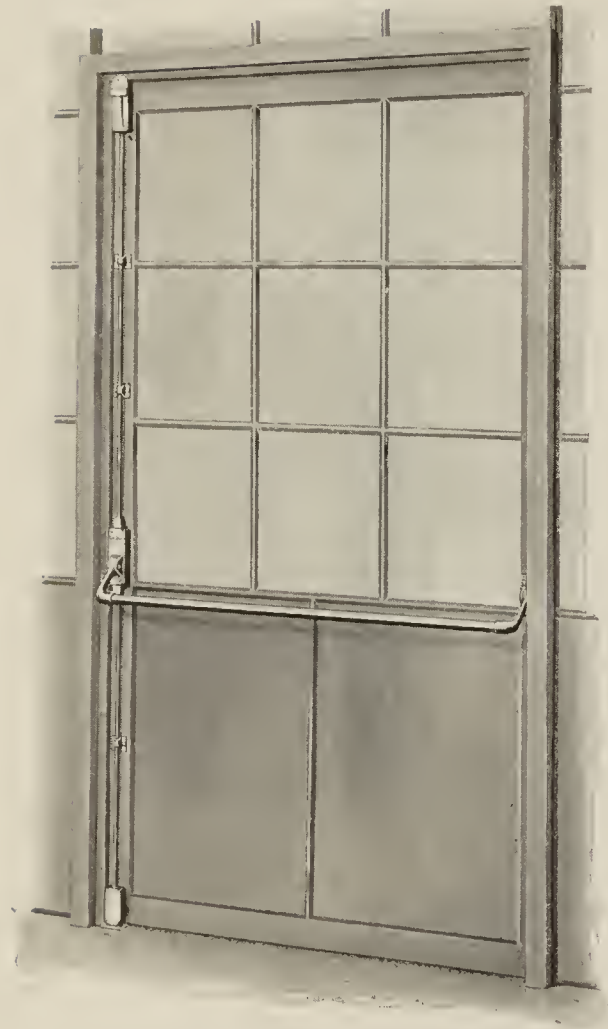
TYPE "L"

Von Duprin Self-Releasing Fire Exit Latch

No. LR1527L "Steel Door Special"

WITH SELF-RELEASING FEATURE FOR DOORS OPENING OUTWARD

An Extra Heavy Positive Operating Device. Designed for Factory, Workshop, etc., etc. Metal Doors.
Single or Double Doors, *with Very Narrow Stiles*

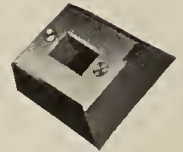


No. LR1527L—Inside Elevation

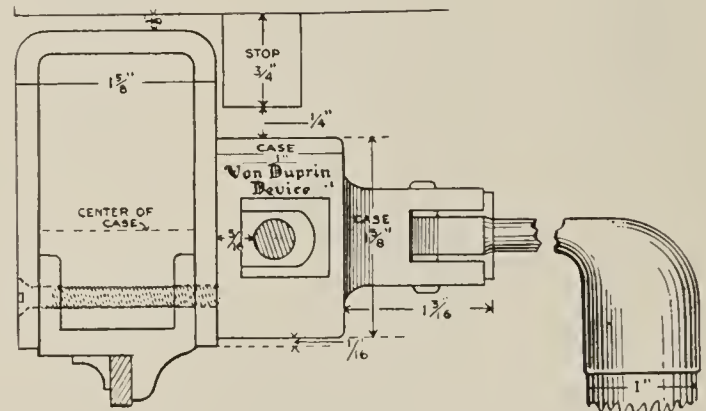
Center case $1\frac{5}{8}$ " wide, $5\frac{1}{2}$ " high
End case $1\frac{3}{8}$ " wide, $3\frac{1}{8}$ " high



Top Strike No. 230U
For Detail, see page 122



No. 231L
Packed Regularly with Special
Concrete Bottom Strike
Brass Capped
For Detail, see page 122



Sectional Plan. Detail, showing latch applied. Drawn at
top of center latch case

Operated from the inside by TOUCH AGAINST OR PULL UP ON BAR AT ANY POINT, this action automatically locking the vertical latches in a released position, when the door is closed the automatic coming in contact with the soffit strike will release itself, again engaging latch heads into the openings of the strikes, again locking the door. If dogging feature is wanted, state it specifically in order—not furnished regularly.

Before Ordering, See Pages 146, 147
Details of Strikes, See Page 122

Brass or Bronze Metal

Shipping Weight, 22 Pounds

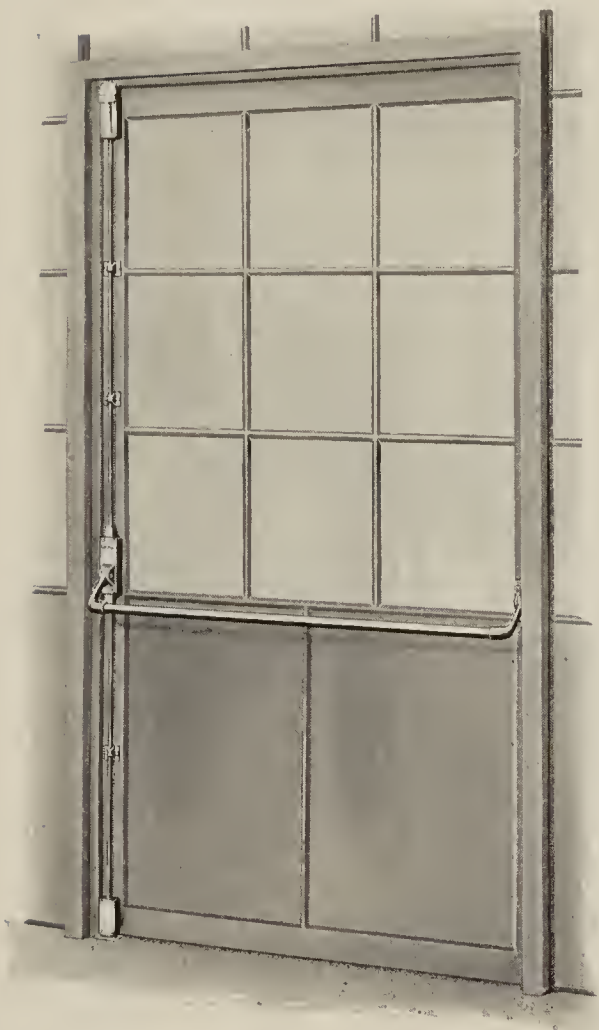
TYPE "L"

Von Duprin Self-Releasing Fire Exit Latch

No. LR1523L "Steel Door Special"

WITH SELF-RELEASING FEATURE FOR DOORS OPENING OUTWARD

An Extra Heavy Positive Operating Device. Designed for Factory, Workshop, etc., etc. Metal Doors.
Single or Double Doors, *with Very Narrow Stiles*

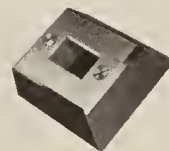


No. LR1523L—Inside Elevation

Cylinder No. 3216, page 117
Center case $1\frac{3}{4}$ " wide, $5\frac{1}{2}$ " high
End case $1\frac{3}{8}$ " wide, $3\frac{1}{8}$ " high



Top Strike
No. 230U
For Detail, see
page 122



No. 231L
Packed Regularly
with Special Concrete
Bottom Strike
Brass Capped
For Detail, see
Page 122

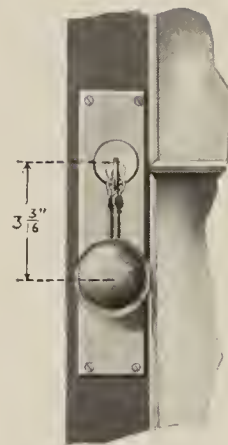
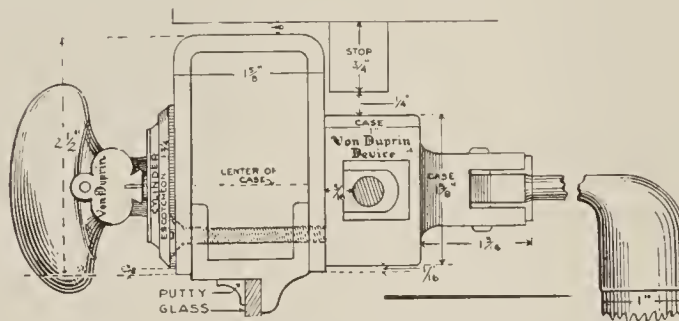


Fig. 2588
 $2\frac{1}{4}$ " Regular Knob and $1\frac{3}{4}$ "x9"
Cast Brass Escutcheon for
Outside of Door
Standard Spacing



Sectional Plan. Detail, showing latch applied. Drawn at
top of center latch case

Furnished with Cylinder, Knob and Escutcheon on Outside of Door; Latch Operated from
Outside in Same Manner as Any Ordinary Lock and Latch Device

Operated from the inside at all times by TOUCH AGAINST OR PULL UP ON CROSS BAR AT ANY POINT, this action automatically locking the vertical bar latches in a released position, when the door is closed the automatic coming in contact with the soffit strike will release itself, again engaging latch heads into the openings of the strikes, again locking the door. If dogging feature is wanted, state it specifically on order—not furnished regularly.

Before Ordering, See Pages 146, 147
Details of Strikes, See Page 122

Brass or Bronze Metal

Shipping Weight, 24 Pounds

TYPE "M"

Von Duprin Self-Releasing Fire Exit Latch

For Double-Acting Doors

DESIGNED FOR TRANSFORMER ROOM OR OIL SWITCH COMMUNICATING DOORS

Featured to permit attendants to escape explosions rushing from one room to another. Type "C" operated by TOUCH AGAINST THE BAR (Types "MB" and "MK" operated by TOUCH AGAINST OR PULL UP ON BAR), permitting exit from either side, the door closing automatically by double acting checking floor hinges.

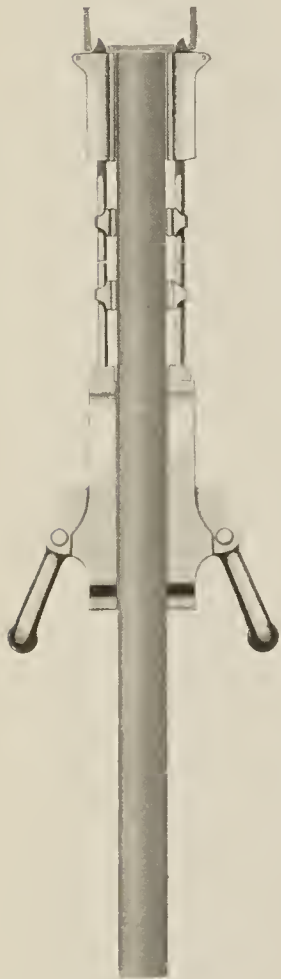
Two types of soffit construction are shown below.
No. 1 "U" bar, notched for escapement of latches.

No. 2 steel soffit strip for free latch movement.

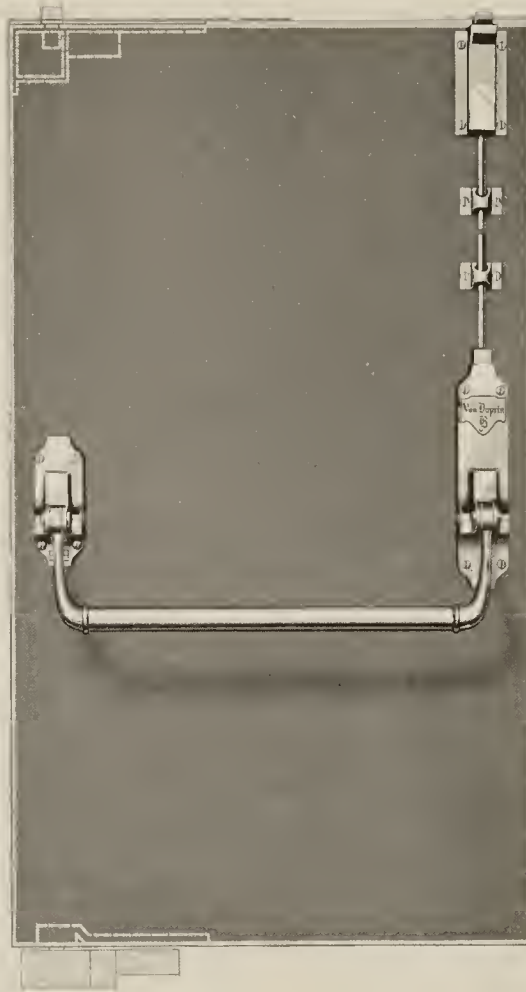
Types "MB", "MC", "MK" are all equipped with double bar dogging lock feature, one at each end of cross bar.

Bolted through doors, one device to the other, by means of brass connecting sleeve, threaded both sides, and machine screws.

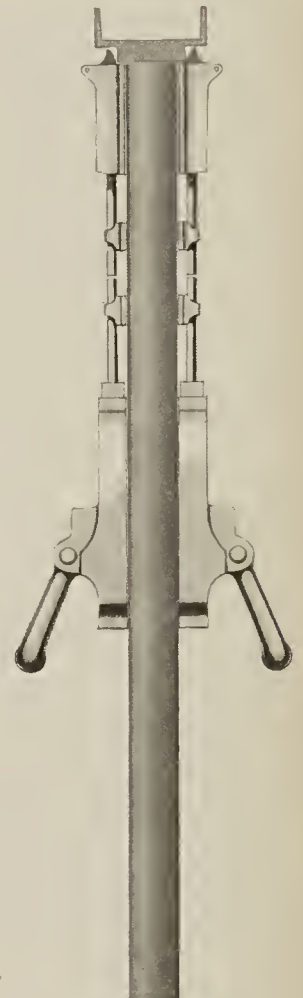
Upper rods only are furnished. JAMB CONDITIONS FORMING KEEPERS.



Edge View and Soffit
Construction No. 1



Elevation of Each Side
Dotted Lines Suggest Double Acting
Checking Floor Hinges



Edge View and Soffit
Construction No. 2



Floor Plan

No. 1147M "B", see description of features, Type "B", page 14.
No. 6147M "C", see description of features, Type "C", page 26.
No. 2147M "K", see description of features, Type "K", page 74.

WHEN ORDERING

Give overall distance of end and center case, allowing for escapement of jamb. Wider jamb, shorter bar, etc., etc. Cross bar should center 36" from floor. Give height and thickness of door.

All brass or bronze. Polished brass will be furnished unless otherwise ordered.

Shipping weight, 50 pounds

TYPE "N"

For Double-Acting Doors

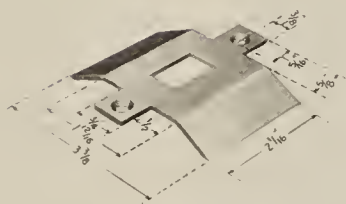
DESIGNED FOR TRANSFORMER ROOM OR OIL SWITCH COMMUNICATING DOORS

Featured to permit attendants to escape explosions rushing from one room to another. Operated by touch against the bar, permitting exit from either side, the door closing automatically by action of overhead double acting check or double acting checking floor hinges. The latch is especially built for heavy duty with large rounding bolt. This page shows a de-

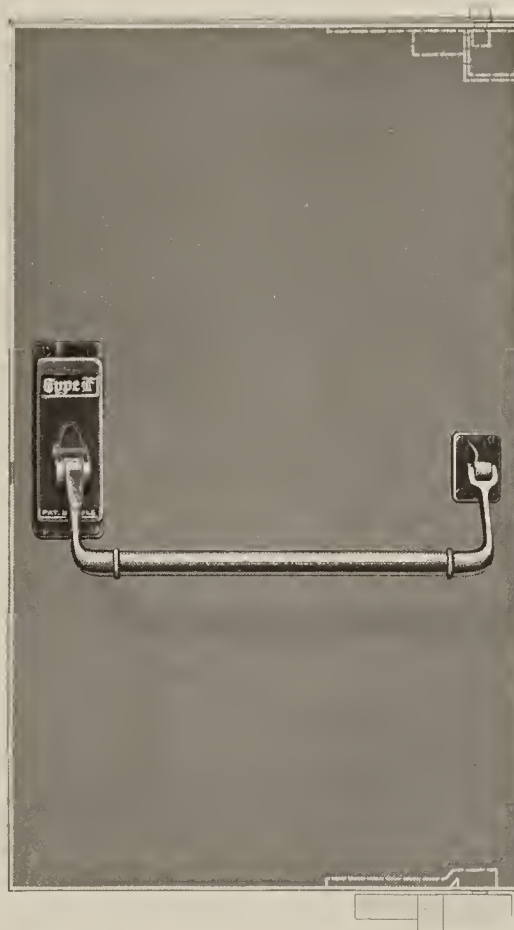
tail of the jamb strip, which also forms a jamb strike.

Cases should be bolted from one to the other by means of a connecting sleeve threaded both sides, and machine screws.

TYPE "F" DEVICES USED, see description of Type "F", page 48.



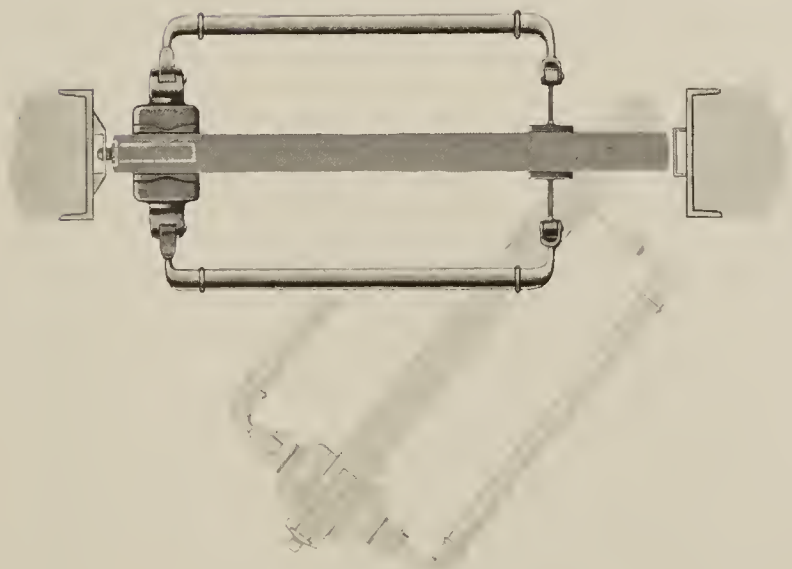
236J Strike
Page 124



No. 9147N
Elevation of Each Side
Dotted Lines Suggest Double Acting
Checking Floor Hinges



Edge View
9147N



Floor Plans No. 9147N

WHEN ORDERING NO. 9147N

Give overall distance of end and center case, allowing for escapement of jamb. Wide jamb, shorter bar, etc., etc. Give thickness of door and width. Malleable iron and steel furnished regularly.

Shipping weight, 35 pounds

TYPE "P"

Von Duprin Concealed Vertical Rod Devices

For Double Exit Doors Opening Outward

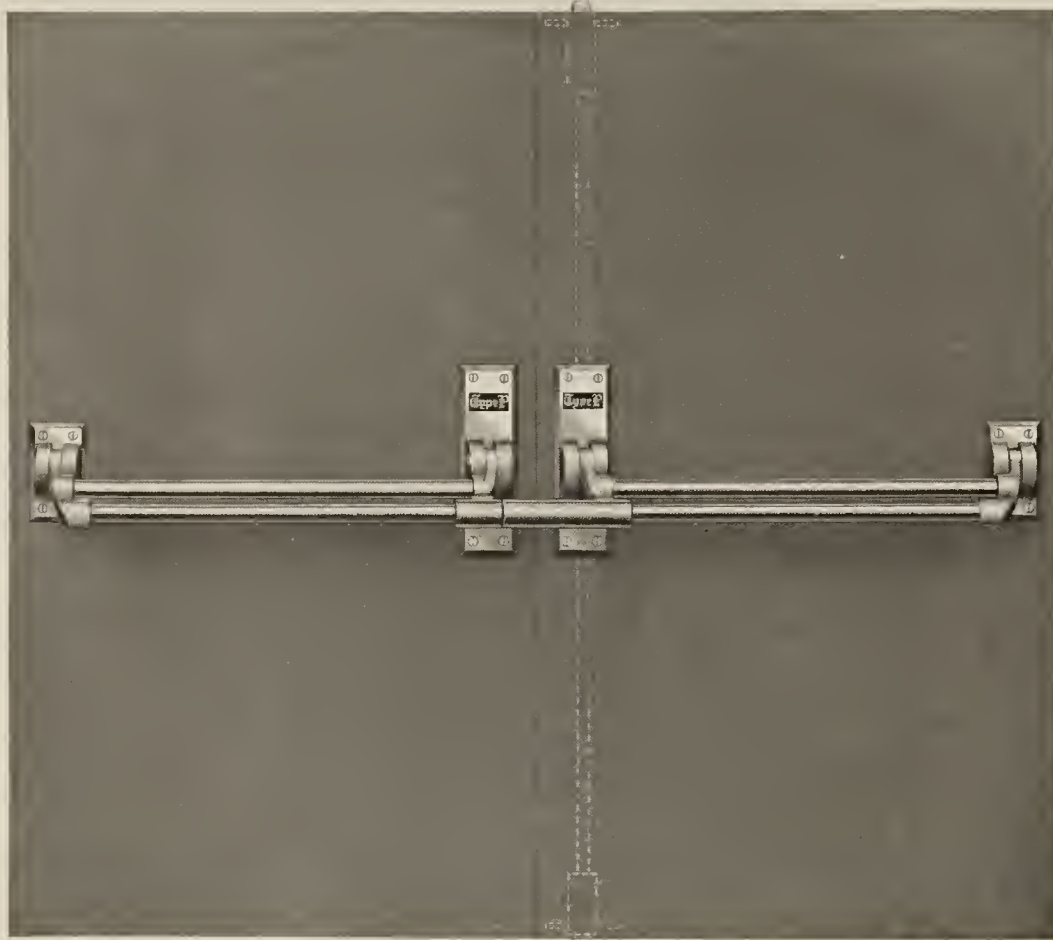
DESIGNED FOR HOLLOW METAL DOORS *ONLY*

BOTH DOORS EQUIPPED WITH A COMPLETE DEVICE IS PREFERABLE. No. 1272P, however, is more economical in price, has no outside unlatching feature.

NOT SATISFACTORY ON DOORS LESS THAN 28" WIDE WITH 5" STILES.

Featured to lay close to the door, taking up a very small

amount of space for the extension of the bar to neutral position, bringing the bar in pressed-down position to $1\frac{3}{4}$ " from the edge of the door, *as indicated in the edge view*. Neutral position $2\frac{1}{2}$ " farthest extension, this to co-operate with the laws of many states where the seating capacity is governed entirely by the exit area.



Inside Elevation No. 1272P

Patent Applied For

1372 Rapp & Rapp specification. *Single cross bar*, omitting dogging device lower rod and lower strike. Unpolished for painting except cross bar polished.

Not Reversible

OPERATION

Featured to unlatch latch bolts from inside by touch against bar at any point, latch bolts can be dogged in retracted position by ball and socket feature on main cross bar case and on hinged end cross bar case, remaining in this position until released by pull on bar.

A complete bridge plate *template* will be furnished. The metal door man, however, must furnish own bridge plate. This must be spot welded to the stile. A complete drawing will be furnished with each device showing application.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lower Strike	Upper Strike	Shipping Weight
Device 1272P	292L or 293L	287U	42 lbs.
Catalog, page	122	122	
Device 1372P R. & R.	None	287U	34 lbs.

For "travel control" of double doors with overlapping astragal, see page 116A.

Prefix LR indicates latch retractor.

Before ordering, see pages 146, 147.

VON DUPRIN metal thresholds, see page 120.



No. 1272P

TYPE "P"

Von Duprin Concealed Vertical Rod Devices

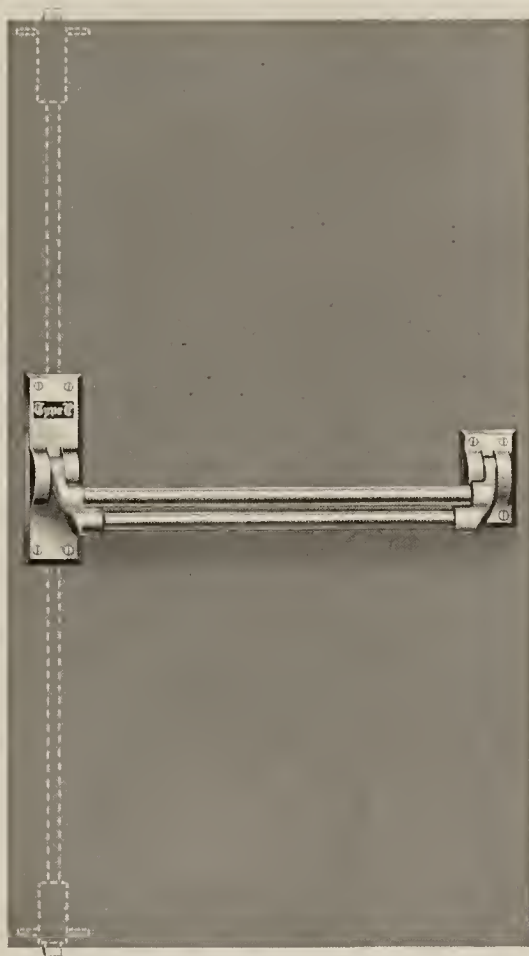
For Exit Doors Opening Outward

DESIGNED FOR HOLLOW METAL DOORS ONLY

For use on active door of a pair of exit doors, or each door of a pair of doors.

Featured to lay close to the door, taking up a very small amount of space for the extension of the bar to neutral position, bringing the bar in pressed-down position to $1\frac{3}{4}$ " from the edge of the door, as indicated in the edge view. Neutral

position $2\frac{1}{2}$ " farthest extension, this to co-operate with the laws of many states where the seating capacity is governed entirely by the exit area. Bars are controlled by ball and socket, always remaining depressed until released by pull on bar.



Inside Elevation of 1227P

Patent Applied For

1327P Rapp & Rapp Specifications. *Single cross bar*, omitting dogging device lower rod and strike, unpolished for painting, except cross bar, polished.

Not Reversible

OPERATION

Featured to unlatch latch bolt from inside by touch against the bar at any point. Latch bolts can be dogged in retracted position by ball and socket feature on main cross bar case, and on hinged end of cross bar case, remaining in this locked-down position until released by pull on bar. A complete bridge plate template will be furnished. The metal door man, however, must furnish his own bridge plates. This must be spot-welded to the stile. A complete drawing will be furnished with each device showing application.

SPECIFICATIONS OF STANDARD EQUIPMENT

	Lower Strike	Upper Strike	Shipping Weight
Device 1227P	292L or 293L	287U	28 lbs.
Catalog, page	122	122	
Device 1327P R. & R.....	None	287U	24 lbs.
Catalog, page		122	

Before ordering, see pages 146, 147.

VON DUPRIN metal thresholds, see page 120.



No. 1227P

TYPE "Q"

Nos. 34Q and T34Q

Gravity Three-Point Locking Devices for Doors Opening Outward

WITH SELF-RELEASING FEATURE MADE TO THE SPECIFICATIONS OF AND APPROVED AND LABELED BY THE "UNDERWRITERS' LABORATORIES," APPROVED UNDER "A" SPECIFICATION R592-218116

Operated from the inside by TOUCH AGAINST CROSS BAR AT ANY POINT, this action automatically locking the vertical bars in a released position, when the door is closed the automatic will release itself, again engaging bolt heads into the openings of the strikes, again locking the doors. Made in MALLEABLE IRON, ALL CONTACT POINTS BRONZE AGAINST IRON.

Type "A" Underwriters' specification, T34Q, three-point on active door, No. 34Q, two-point on inactive door, connected by bar, third point to ride on 266J strike with housing. If checks are used furnish automatic controlling device No. 1236.



Showing Automatic Latch Engaging Bolt Head



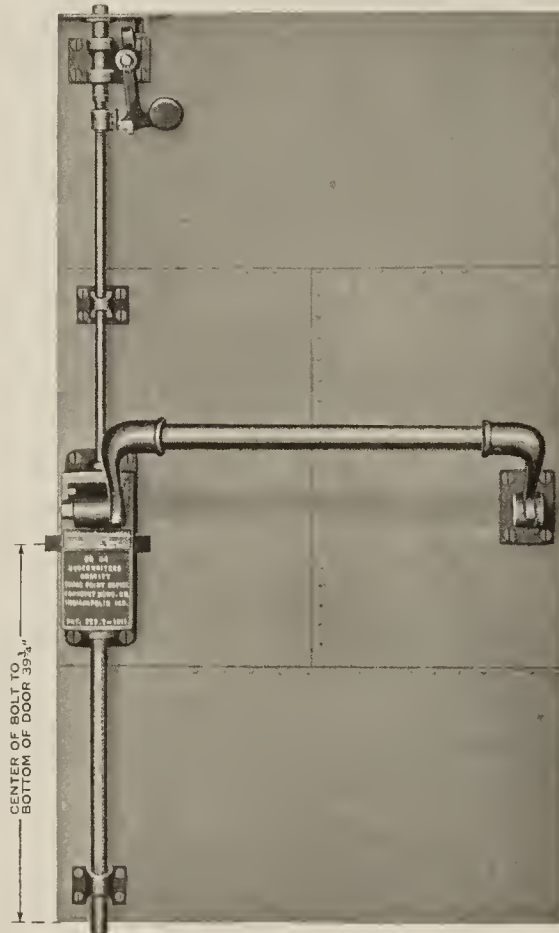
No. T34Q
(Has T Handle Outside)

Cut showing outside of door and manner in which bolts are made fast by through machine screws—as required by "Underwriters' Laboratory"

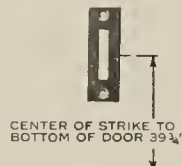
Approved R592, 218116



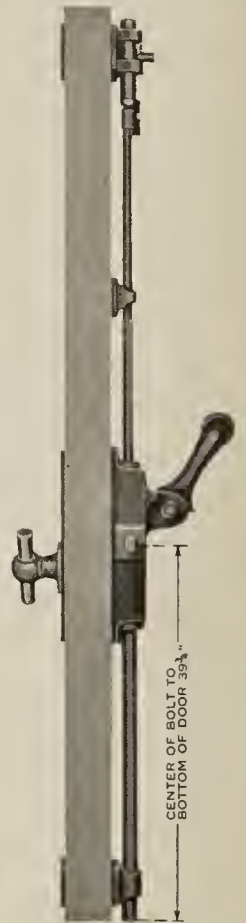
No. 291U



No. 34Q and T34Q—Inside Elevation
Dimensions of Case $2\frac{3}{4}" \times 7\frac{3}{8}"$



No. 283J



No. T34Q Has
T Handle



Self-Cleaning
Strike
No. 237L

Furnished regularly in dead black. Can be furnished in any finish, unpolished or polished. Prices on application.
When Ordering Specify Approved or Unapproved

Shipping Weight 38 pounds

Before Ordering, See Pages 146, 147

TYPE "R DUQUESNE"

Double-Acting Cross Bar

BUILT FOR TRANSFORMER ROOM DOORS
FOR DOUBLE ACTING DOORS

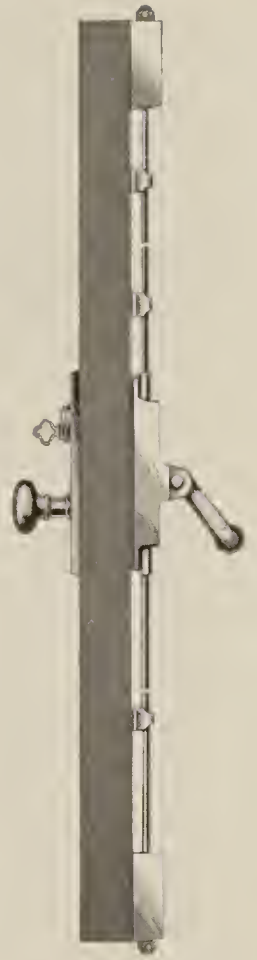
Vertical rod device. Independent top and bottom, easy action roller type latch bolts. Vertical rod device double acting. Furnished regularly with dogging device to lock the latch bolts into a released position.



No. 1627R Duq.



Inside View
No. 1627R Duq.
No. 1623R Duq.
Not Reversible



No. 1623R Duq.

Furnished in Polished Brass Unless Otherwise Ordered

No. 1627R Duq. For inactive door of double entrance doors, or both doors of exit doors.
No outside hardware.

No. 1623R Duq. For active door of double entrance doors. Has cast brass knob and
escutcheon on outside and cylinder control.

SPECIFICATIONS OF STANDARD EQUIPMENT

		Cylinder	Lower Strike	Upper Strike	Trim	Spacing	Shipping Weight
Device 1627R	.....	None	289LU	289LU	....	....	21 lbs.
Catalog, page	.....		122	122			
Device 1623R	.....	2216	289LU	289LU	2580	3 1/16"	21 lbs.
Catalog, page	.....	117	122	122	96		

Before ordering, see pages 146, 147.

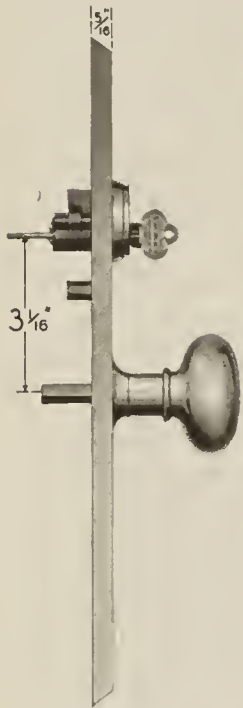
Metal Door Reinforcement Chart, see page 140.

Special exterior trims, see pages 96, 97.

Outside Hardware Trims

For Devices Nos. 1123B, 1133B, 6123C, 6133C, 2123K, 2133K, 8123H

NOTE: When special trims other than regularly furnished are wanted, deduct price of regular trim and add price of special trim. For dummy trim, specify same numbers, suffix DT.



Spacing Measurements
2580 Group

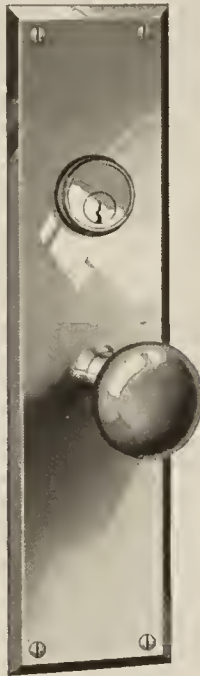


Fig. 2580



Fig. 2581

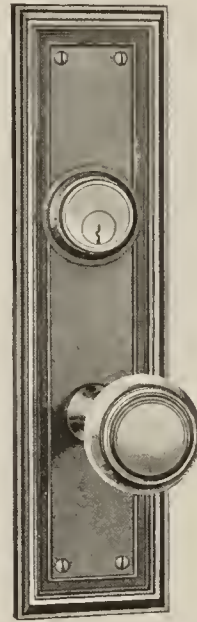


Fig. 2582

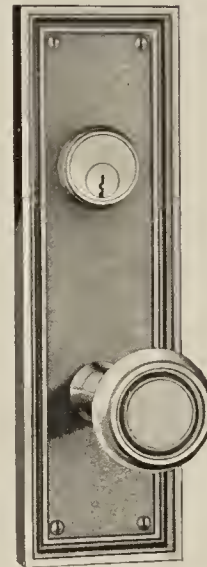
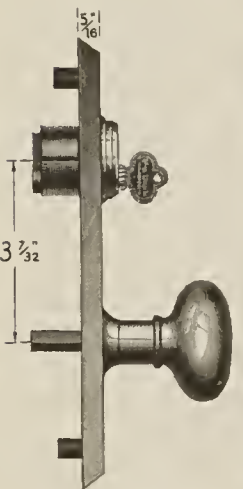


Fig. 2583



Fig. 2584

For Devices with Terminal No. 22 as No. 1122, Etc.



Spacing Measurements
2590 Group



Fig. 2590
*Fig. 2590W
Wrought

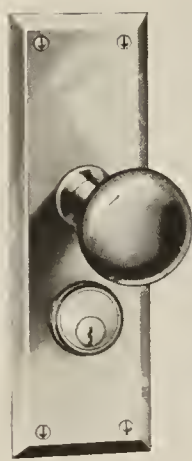


Fig. 2600



Fig. 2591

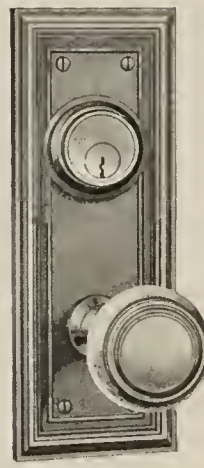


Fig. 2592



Fig. 2593

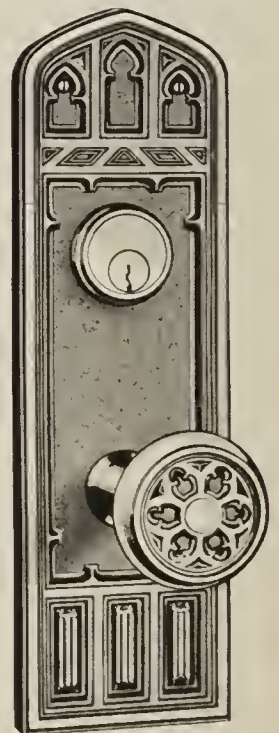


Fig. 2594

Fig. No.	Size Plate	Size Knob	For Vertical Latching Device with Terminal Number
2580	12"x3"	2 1/4"	123
2581	12"x3 1/4"	2 1/4"	123
2582	11 1/2"x3"	2 1/4"	123
2583	12"x3"	2 1/4"	123
2584	15"x3 1/2"	2 1/4"	123
2588	9"x1 3/4"	2 1/4"	LR1523L
2590	8"x2 1/2"	2 1/4"	122 and 722
*2590W	8"x2 1/2"	2 1/4"	122 and 722
2591	9"x2 3/4"	2 1/4"	122 and 722
2592	8"x3"	2 1/4"	122 and 722
2593	8"x3"	2 1/4"	122 and 722
2594	9 1/2"x2 7/8"	2 1/4"	122 and 722
*2597BKW	8"x2 1/2"	2 1/4"	BK122 and BK722
2600	8"x2 1/2"	2 1/4"	1125 and 1225
2610	8"x2 1/2"	2 1/4"	126K
2808 Paddle	5"x2 1/4"	....	For use instead of cross bar

CAST BRASS OR CAST BRONZE ONLY

*Wrought Brass or Wrought Bronze Only

Finish 10 Polished Brass Will Be Furnished Unless Otherwise Specified



*Fig. 2597BKW
Wrought

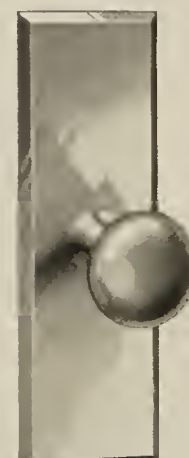


Fig. 2610

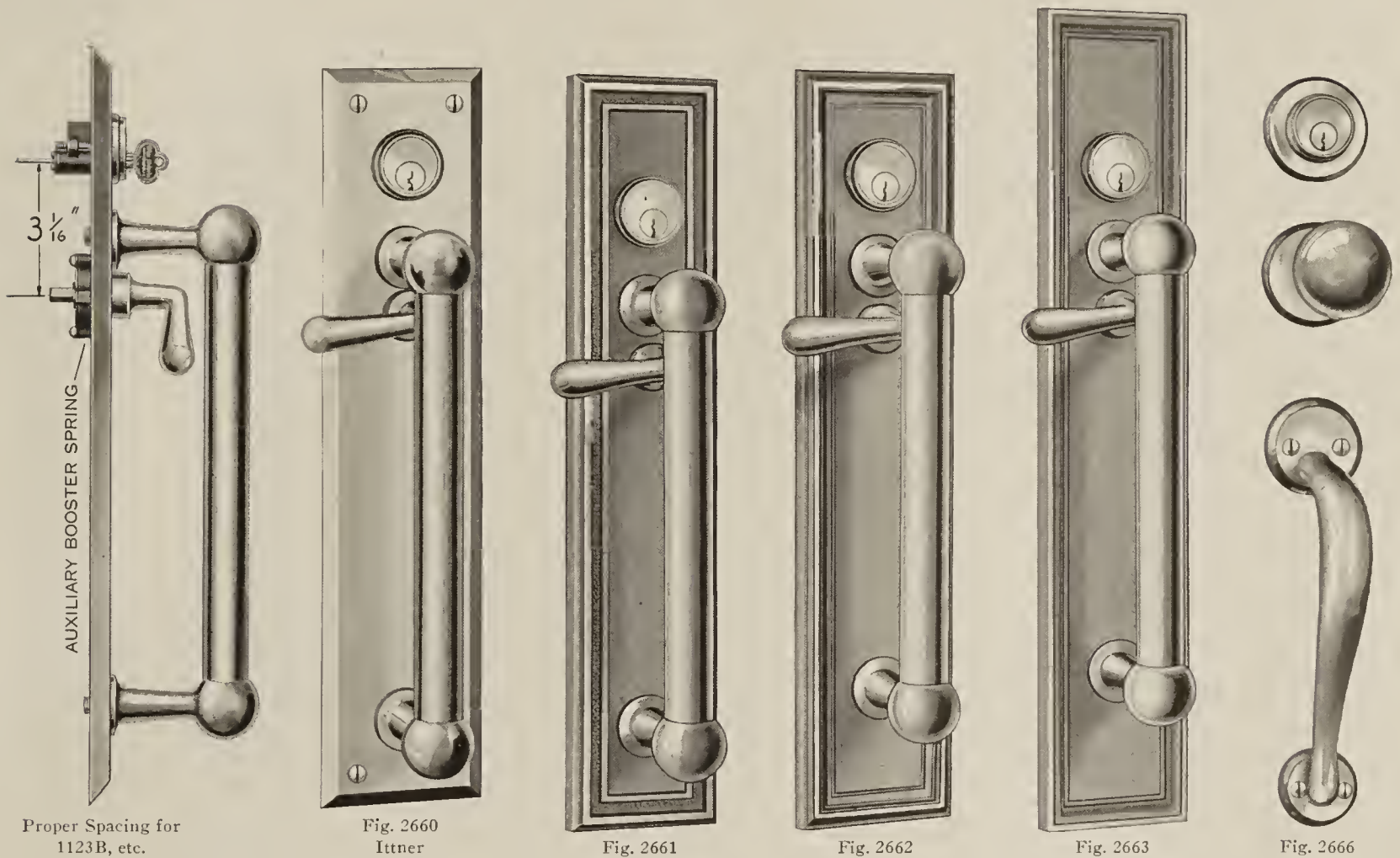


Fig. 2808
Paddle

Outside Hardware Trims

For All Vertical Rod Devices 1123B, 1133B, 2123K, 2133K, 6123C, 6133C, 8123H

NOTE: When special trims other than regularly furnished are wanted, deduct price of regular trim and add price of special trim.



When wanted for dummy trim
Specify with or without dummy cylinder

Fig. 2660DT Fig. 2661DT Fig. 2662DT Fig. 2663DT Fig. 2666DT

All above levers supplied with auxiliary (booster) springs as shown in cross section.

Fig. No.	Size Plate	Size Grip	Size Lever
2660	16"x3½"	10"	3¼"
2661	16"x3¼"	10"	3¼"
2662	16"x3½"	10"	3¼"
2663	17½"x3¼"	10"	3¼"
2666		7¾"	2¼" Size Knob

Furnished in polished brass unless otherwise specified.

When finishes are specified, we furnish cross bars, vertical rods, grips and levers polished, unless otherwise specified, as these members soon wear down to the natural metal, leaving a spotty, undesirable appearance.

Outside Hardware Trims

For Mortise Lock Devices 1124B, 1724B, 2124K, 2724K, 5124D, 5724D, 6124C, 6724C, 3124E2, 3724E2, 8124H, 8724H, 9124F, 9724F, 4124J, 4724J

NOTE: When special trims other than regularly furnished are wanted, deduct price of regular trim and add price of special trim.

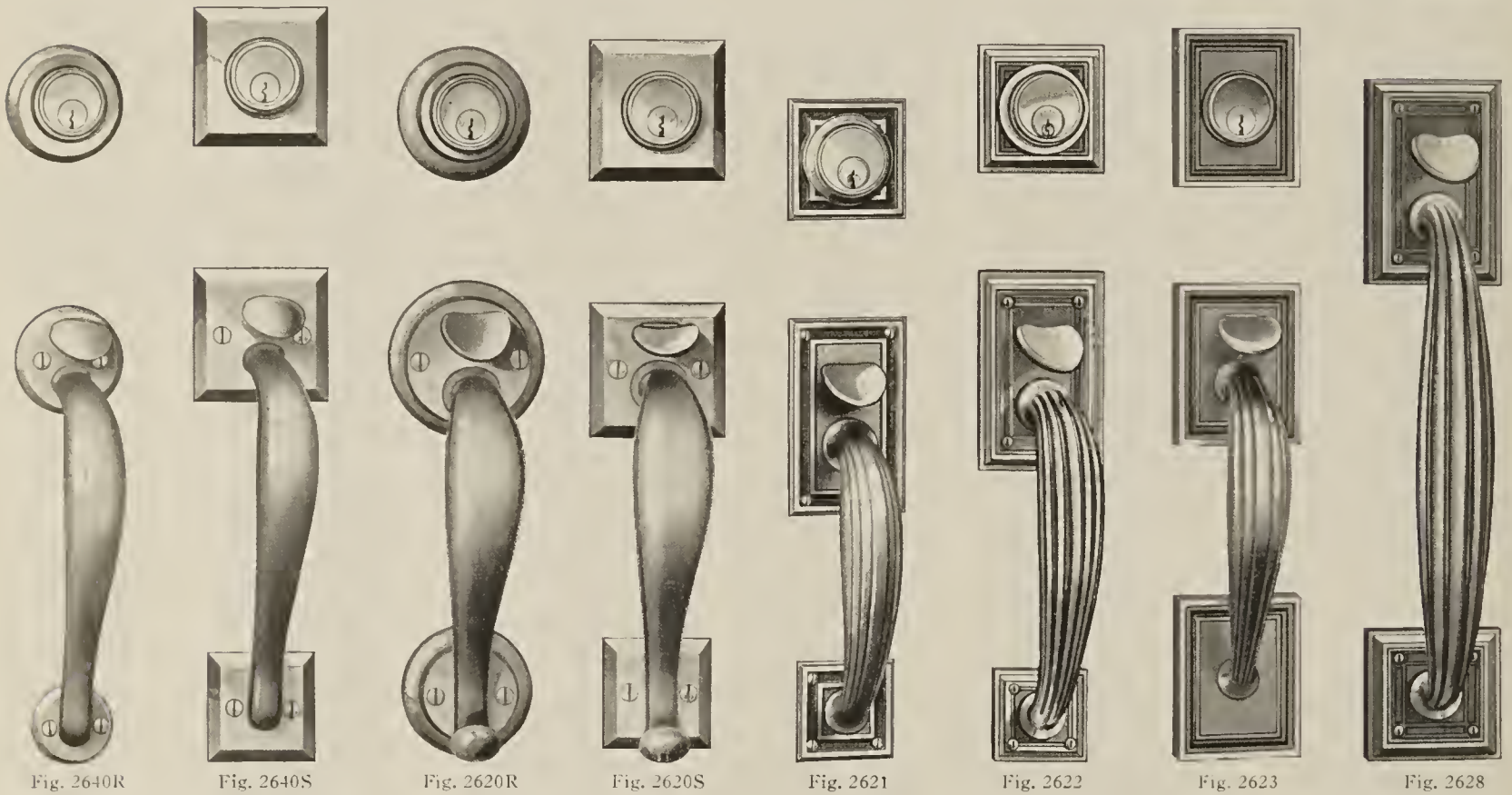


Fig. 2640R

Fig. 2640S

Fig. 2620R

Fig. 2620S

Fig. 2621

Fig. 2622

Fig. 2623

Fig. 2628

If wanted *without thumbpiece for night latch service*, specify "NL", as follows:

NL2640R NL2640S NL2620R NL2620S NL2621 NL2622 NL2623 NL2628

Unless otherwise ordered, we furnish dummy trim without cylinder collars.

We furnish the back plates as shown in illustration.

DIMENSIONS

Fig. No.	Size Overall	Size Grip	Cylinder Collar	Plates	Material
2620R	14"	7½"	2⅝"	2¼" x 1⅝"	Cast bronze or brass
2640S	15"	7½"	2¾" x 2¾"	2¾" x 2¾" x 2¼" x 2¼"	Cast bronze or brass
2620R	14"	8½"	2⅝"	3¼" x 2⅝"	Cast bronze or brass
2620S	14¼"	8½"	2¾" x 2¾"	2¾" x 2¾" x 2¼" x 2¼"	Cast bronze or brass
2621	13"	6¼"	2¼" x 2¼"	3¼" x 2¼" x 1⅞" x 1⅞"	Cast bronze or brass
2622	14"	7"	2½" x 2½"	3⅞" x 2½" x 1⅞" x 1⅞"	Cast bronze or brass
2623	14½"	6¾"	3" x 2½"	3" x 2½"	Cast bronze or brass
2628	17⅜"	10"	2½" x 2½"	3⅞" x 2½" x 2½" x 2½"	Cast bronze or brass

"NL" same sizes as regular.

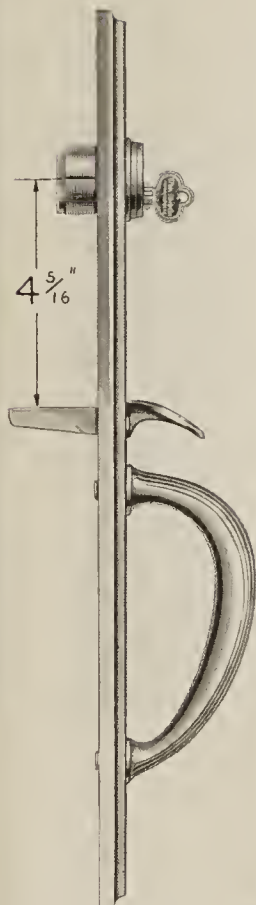
Furnished in polished brass unless otherwise specified.

When finishes are specified, we furnish cross bars, vertical rods, grips and levers polished, unless otherwise specified, as these members soon wear down to the natural metal, leaving a spotty, undesirable appearance.

Outside Hardware Trims

For Mortise Lock Devices 1124B, 1724B, 2124K, 2724K, 5124D, 5724D, 6124C, 6724C, 3124E2, 3724E2, 8124H, 8724H, 9124F, 9724F, 4124J, 4724J

NOTE: When special trims other than regularly furnished are wanted, deduct price of regular trim and add price of special trim.



Proper Spacing for 1124B, etc.

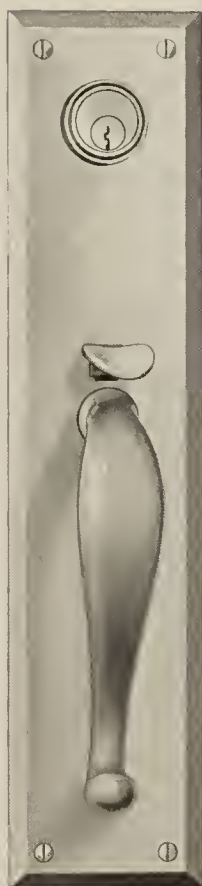


Fig. 2800

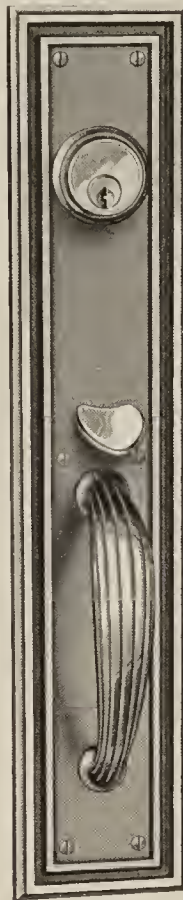


Fig. 2801



Fig. 2802



Fig. 2803

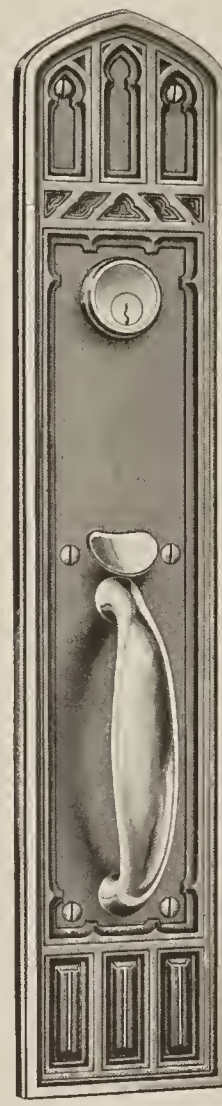


Fig. 2804



Fig. 2805

If wanted *without thumbpiece* for *night latch service*, specify "NL", as follows:

NL2800

NL2801

NL2802

NL2803

NL2804

NL2805

DIMENSIONS

Fig. No.	Size Grip	Size Escutcheon	Material
2800	8½"	16"x3½"	Cast bronze or brass
2801	6¼"	16"x3¼"	Cast bronze or brass
2802	6¼"	16"x3½"	Cast bronze or brass
2803	6¾"	17½"x3¼"	Cast bronze or brass
2804	6"	19⅜"x3⅞"	Cast bronze or brass
2805	8⅞"	17⅝"x4"	Cast bronze or brass

"NL" same sizes as regular.

Furnished in polished brass unless otherwise specified.

When finishes are specified, we furnish cross bars, vertical rods, grips and levers polished, unless otherwise specified, as these members soon wear down to the natural metal, leaving a spotty, undesirable appearance.

Special Trims

Many cities have special hardware, either in design or emblematic. We show several for which we have patterns. We are prepared to execute special patterns if blueprints or samples are furnished.



Fig. 2811 B. of E.

For Night Latch
No Thumb Piece

Fig. NL2811 B. of E.
NL2810, etc., etc.

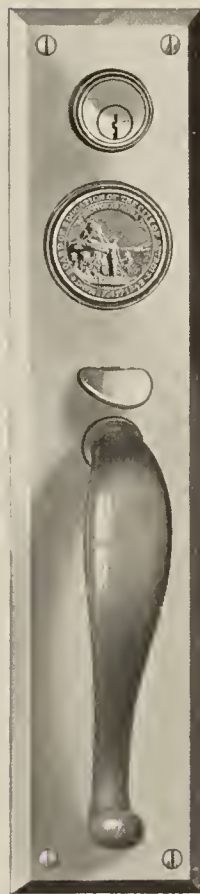


Fig. 2810 Detroit



Fig. 2812

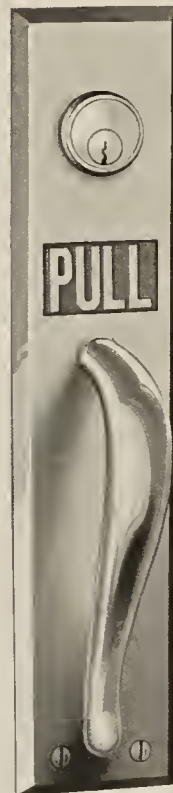


Fig. NL2806 N. Y.



Fig. NL9806 N. Y.



Fig. 2587 Toledo

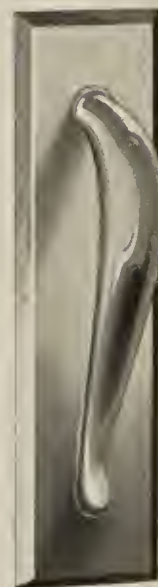


Fig. 2807 N. Y.

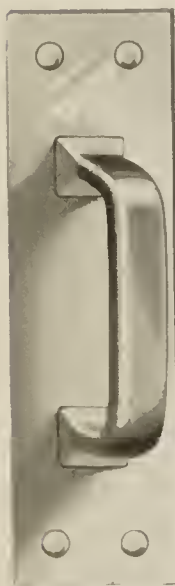


Fig. NL9807 N. Y.

Fig. No.	Size Plate	Size Grip	Size Knob	Pattern Knob	For Lock	Device Number
2811 B. of E.....	18"x3½"	6⅝"	....		24	1124 or 1724, etc.
NL2811 B. of E....	18"x3½"	6⅝"	....		NL24	NL1124 or NL1724, etc.
2810 Detroit	16"x3½"	8½"	....		24	1124 or 1724, etc.
NL2810 Detroit	16"x3½"	8½"	....		NL24	NL1124 or NL1724, etc.
NL2806 N. Y.....	14"x3"	7½"	....		NL24	NL7124G N. Y., etc.
NL2807 N. Y.....	10¼"x2⅝"	7½"	....		BK32N. Y.	BK7132G N. Y., etc.
2587 Toledo	12"x3"	....	2½"	Oval		1123, etc.
2598 Toledo	8"x2½"	....	2½"	Oval	22	1122, etc.
2812 Masonic	16"x3½"	8½"	....		24	1124 and 1724, etc.

Cast brass or bronze only.

Finish 10 polished brass furnished unless otherwise ordered.

EXTRA HEAVY DUTY STEEL AND MALLEABLE IRON TRIM FOR NEW YORK DEVICES, TYPE "G"

NL9806	14"x3"	6"	....	NL24 N. Y.	NL7124G N. Y.xNL9806
NL9807	10⅜"x3"	6"	....	BK32 N. Y.	BK7132G N. Y.xNL9807



Fig. 2598 Toledo

Emblematic Hardware



Fig. 506
Knights of Columbus



Fig. 507
Eagles



Fig. 508
Odd Fellows

The above patterns have been added to our stock since the printing of catalog.

Fig. 500 Commandery Emblem measures $2\frac{1}{2}$ " wide, $3\frac{3}{4}$ " high.

Fig. 501 Masonic Emblem measures $1\frac{3}{4}$ " diameter.

Fig. 502 Shrine Emblem measures $1\frac{1}{8}$ " wide, $1\frac{1}{8}$ " high.

Fig. 503 Masonic Emblem measures $2\frac{1}{2}$ " wide, $2\frac{5}{8}$ " high.

Fig. 504 B. P. O. Elks' Emblem measures $2\frac{1}{8}$ " wide, $2\frac{1}{2}$ " high.

Fig. 505 Masonic Emblem measures $1\frac{3}{4}$ " diameter.

Fig. 506 Knights of Columbus Emblem measures $1\frac{3}{4}$ ".

Fig. 507 Eagle Emblem measures $1\frac{3}{4}$ ".

Fig. 508 Odd Fellows' Emblem measures $1\frac{3}{4}$ " wide, $2\frac{1}{2}$ " high.

Fig. 513 B. of E. Emblem measures $1\frac{7}{8}$ " diameter.

Emblematic Hardware

While our stock of emblems is limited, we are prepared to execute any emblem required. We should, however, have blueprint drawings of what is required. Applying to escutcheons or knobs carries a labor charge. In ordering be sure to note first, whether the emblem is of correct dimension to permit the application.



Fig. 500
Commandery



Fig. 501
Masonic



Fig. 513
Bd. of Ed.
Detroit, Mich.



Fig. 505
Masonic



Fig. 502
Shrine



Fig. 503
Masonic

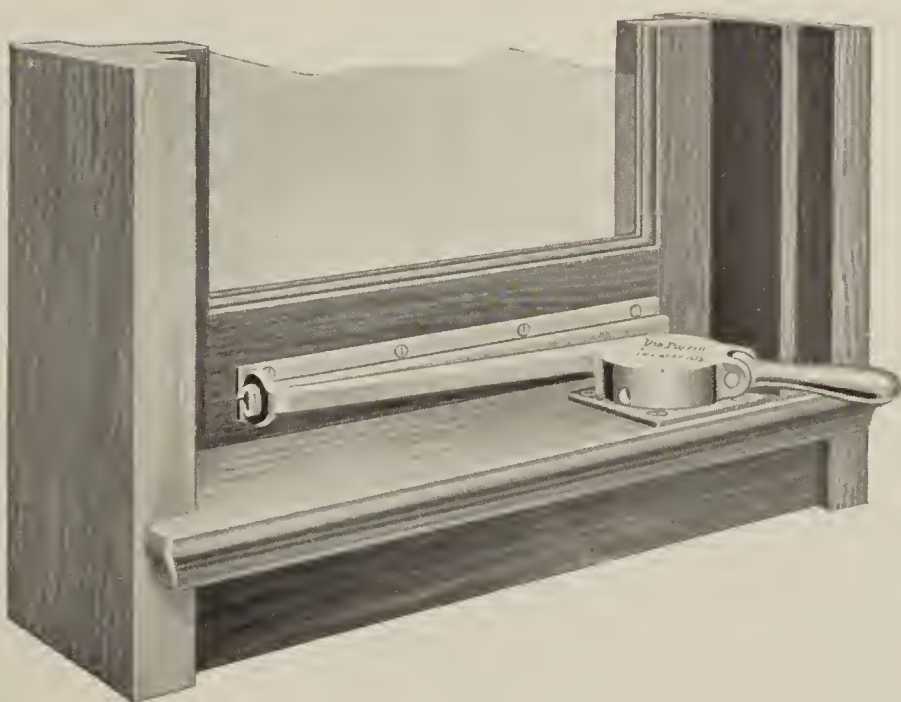


Fig. 504
B. P. O. Elks

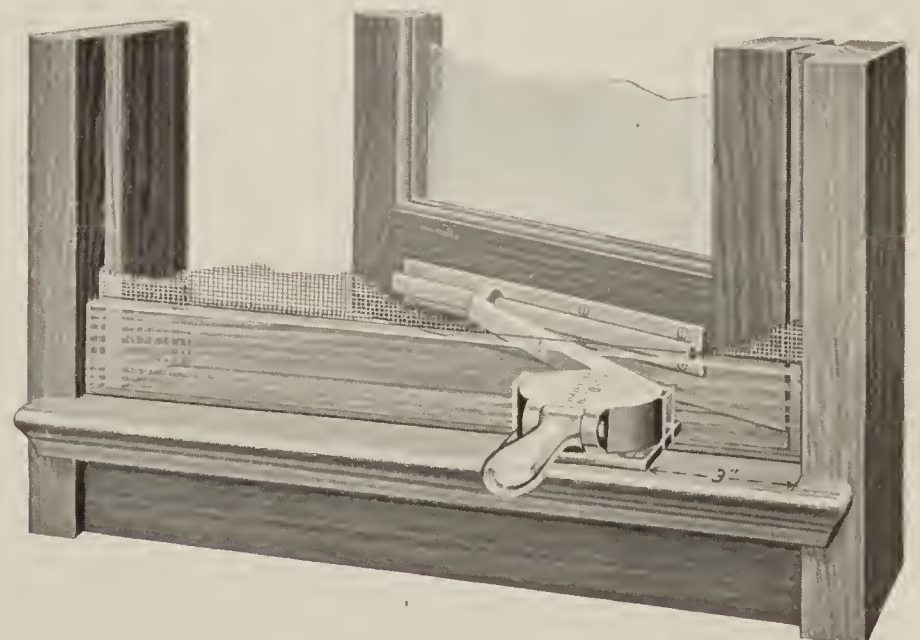
No. 360 Von Duprin Automatic Locking Window Operator and Adjuster

FOR EXTRA LARGE AND HEAVY FRENCH CASEMENT WINDOWS OPENING OUTWARD. A VERY HIGH-CLASS DEVICE—COMMENDABLE ON ACCOUNT OF EASE OF ACTION

The screen rail straddles it; the sash is operated from the inside of the house without raising the screen. Very strong and positive in its action. Made in brass or bronze metal only. Sash is always locked in any position. Wind pressure can not close the sash when the gravity lock is engaged.



Right-Hand Window (Closed)



Right-Hand Window (Partly Ajar)

No. 360, finish 10, brass metal, polished, will be sent unless otherwise ordered. In ordering, specify whether sash opens out to right or left. (See illustration.)

Door Holders

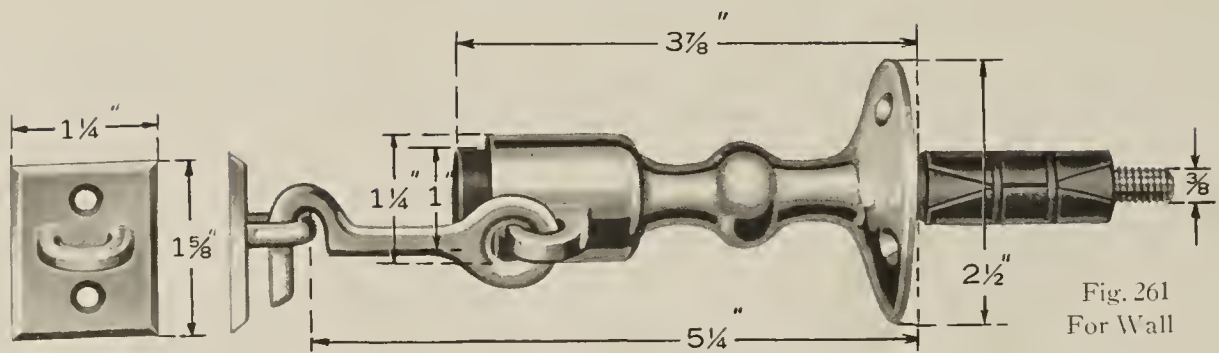


Fig. 261
For Wall

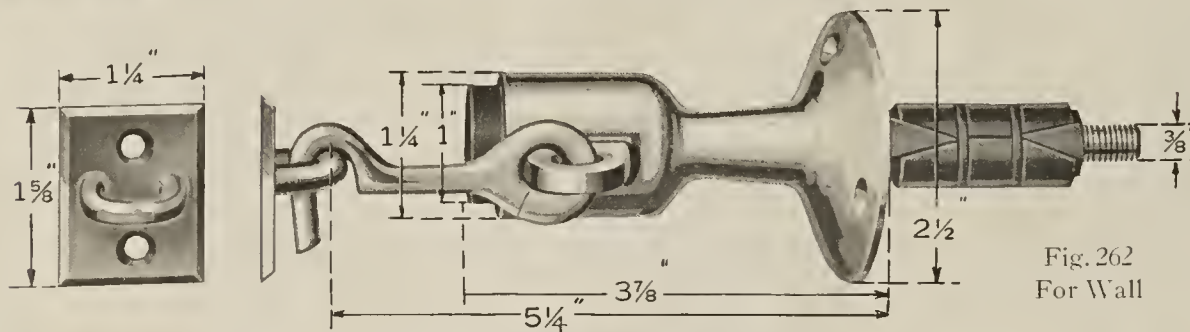
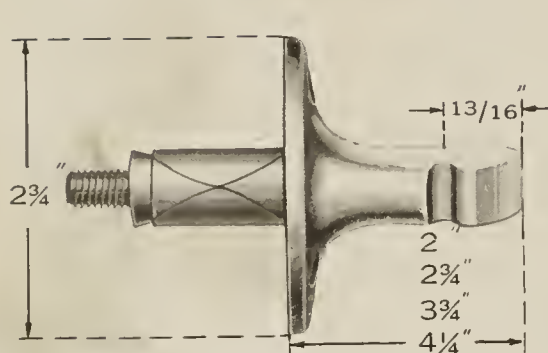
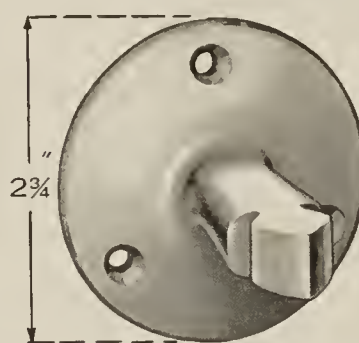


Fig. 262
For Wall



*Fig. 370 for Wall—Edge View



*Fig. 370—Face View

*For Engaging Cup, see No. 36, page 104.

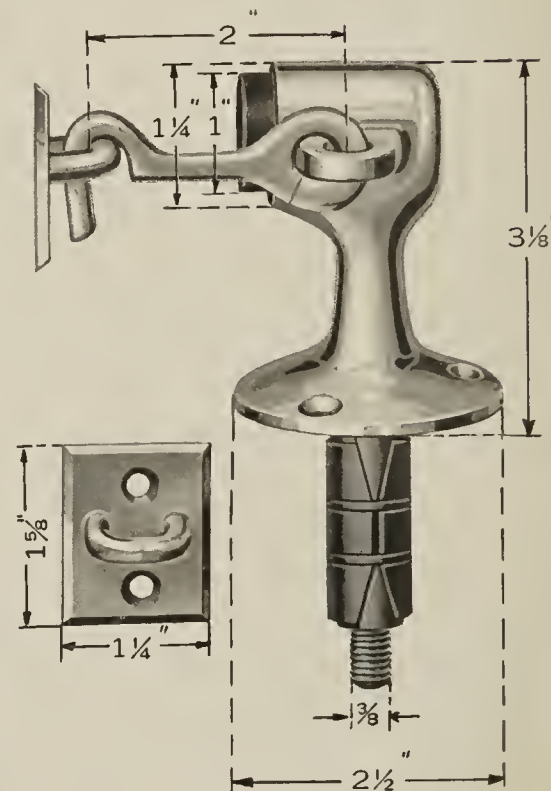
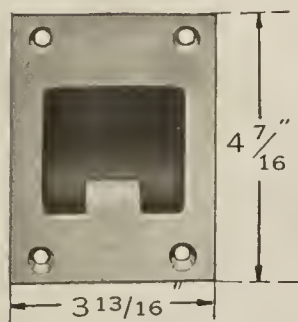


Fig. 263, Floor Type



Flush Cup for Door
For Holder 371

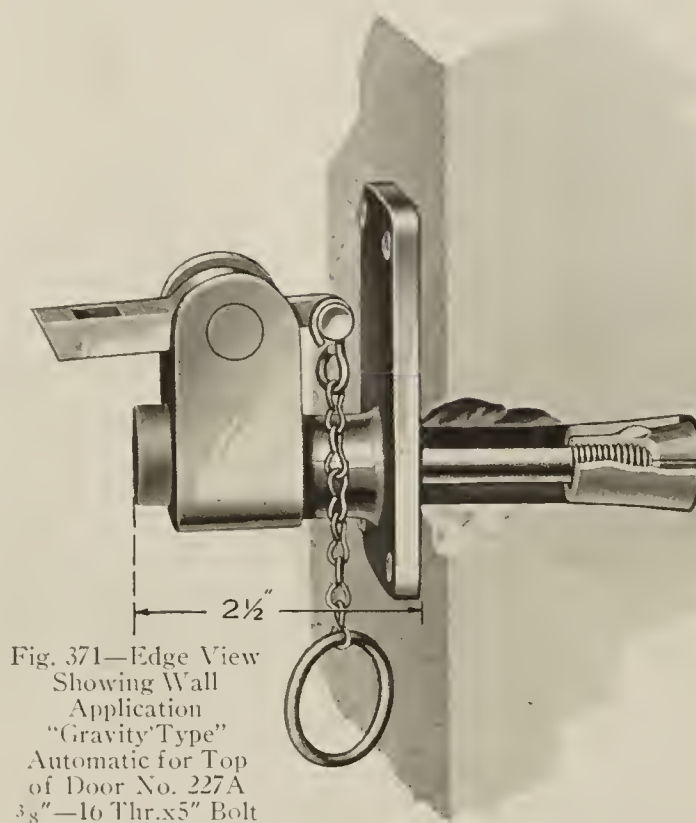
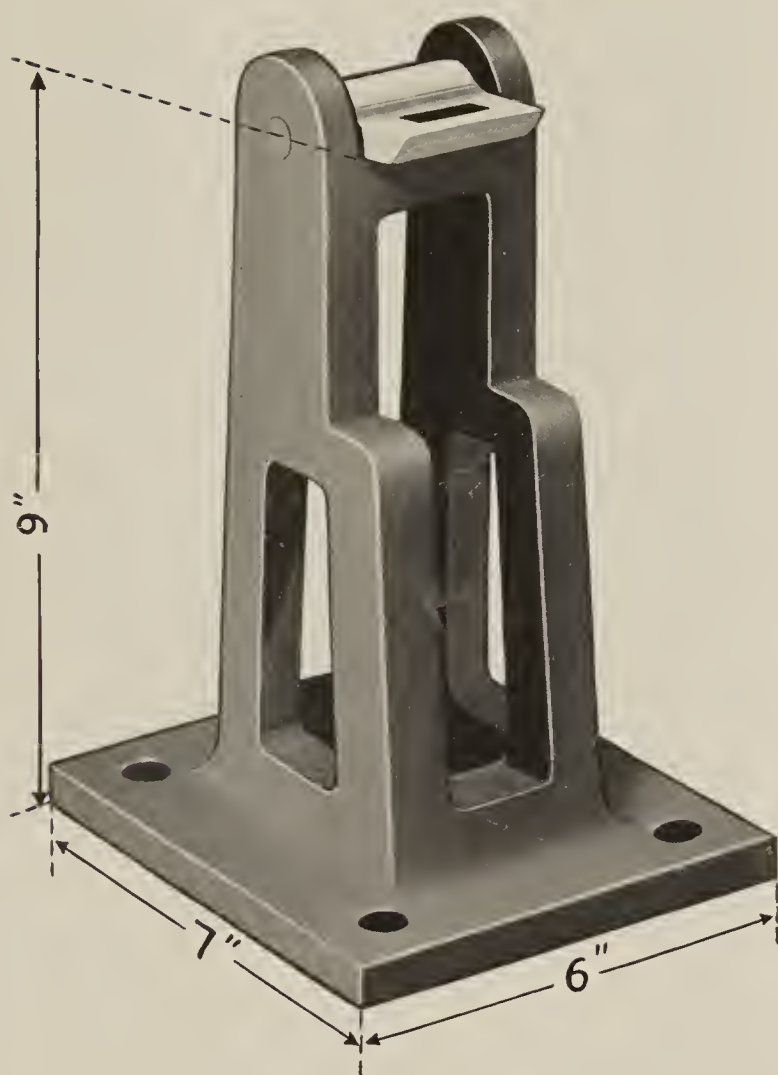


Fig. 371—Edge View
Showing Wall
Application
"Gravity" Type
Automatic for Top
of Door No. 227A
3/8" - 16 Thr. x 5" Bolt

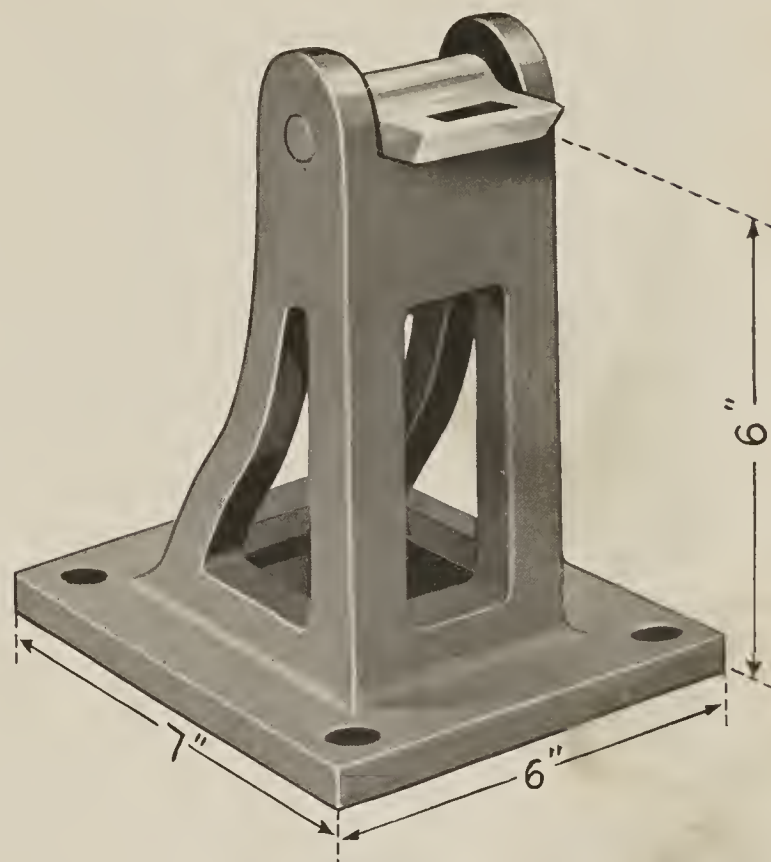
Where expansions are shown, same are included with holders. Cast brass or bronze only. Finish 10 polished brass furnished unless otherwise specified.

Won Duprin Malleable Iron Automatic Door Holder

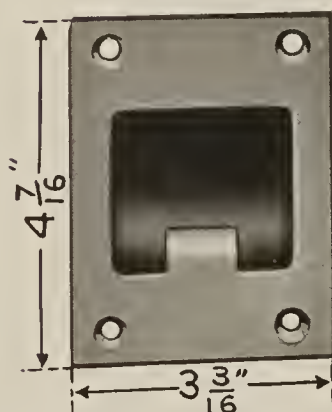
Very heavy, designed to automatically engage the door at the farthest terminal from the closing point without the necessity of engaging same by hand or foot. Disengaged by foot pressure. Nothing projecting from the door upon which clothing can be caught. Door cup made in brass or bronze metal only. Base with concrete anchor made of malleable iron. Regularly equipped for stone or concrete. Firm is furnished to anchor the plate securely to help take the shock. Special bolts $\frac{3}{8}$ "x $3\frac{1}{2}$ " with expansions furnished regularly insure a firm holding feature. See page 118.



No. 9240—10" High

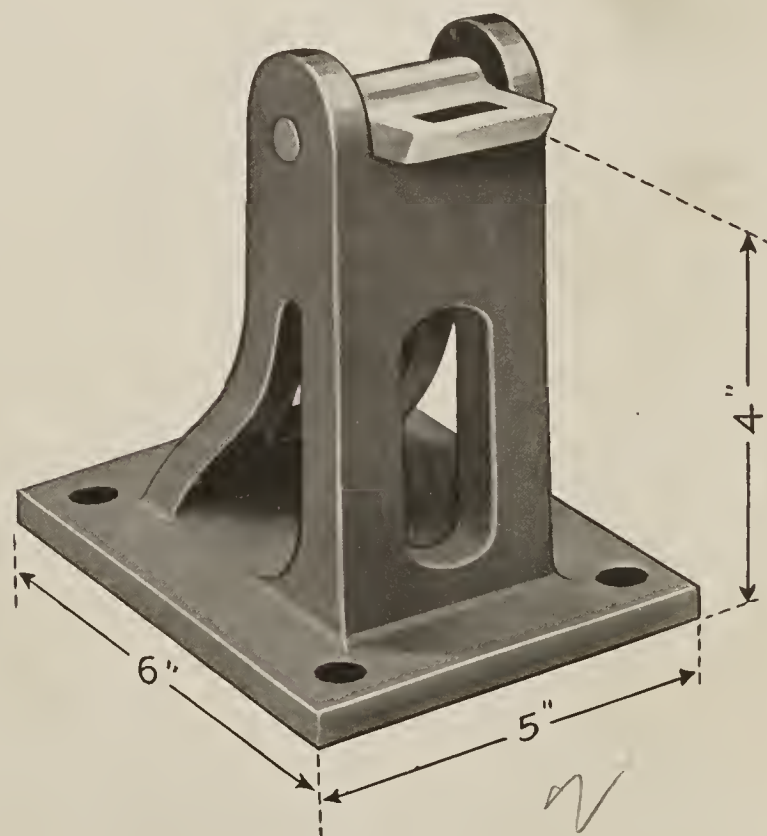


No. 9240—7"



No. 2240—Door Holder Cup Only

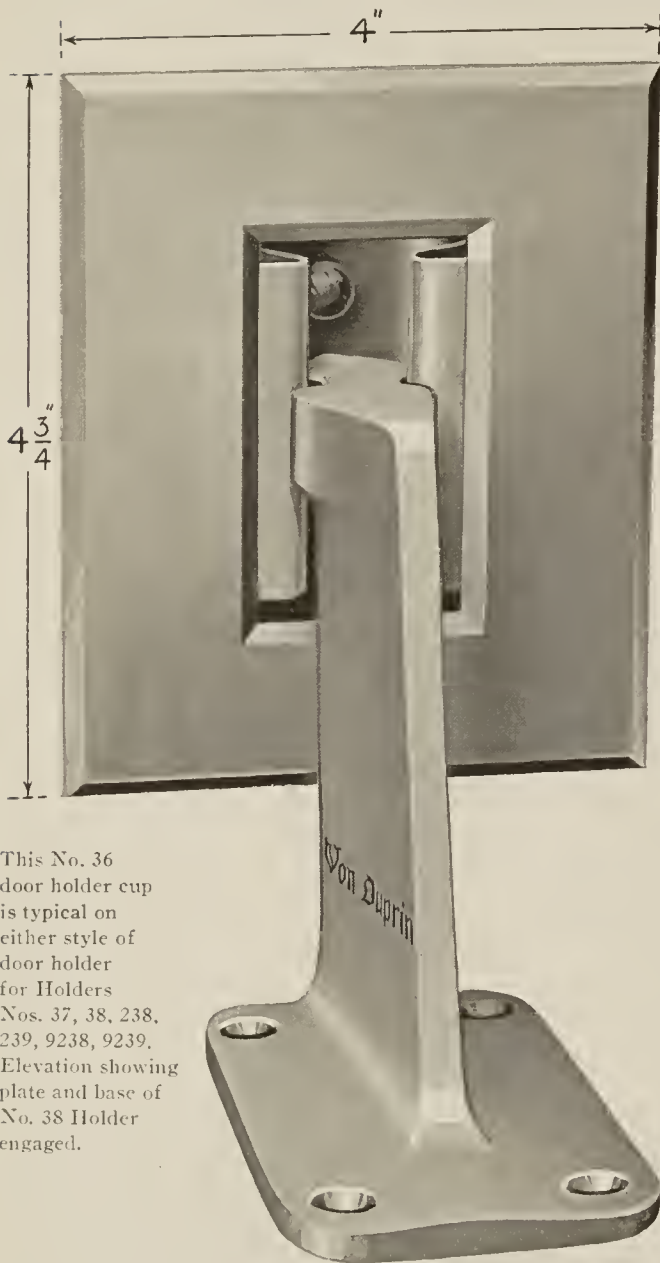
Showing front side of socket with metal door detail. This plate is typical on all No. 9240 Holders



No. 9240—5"

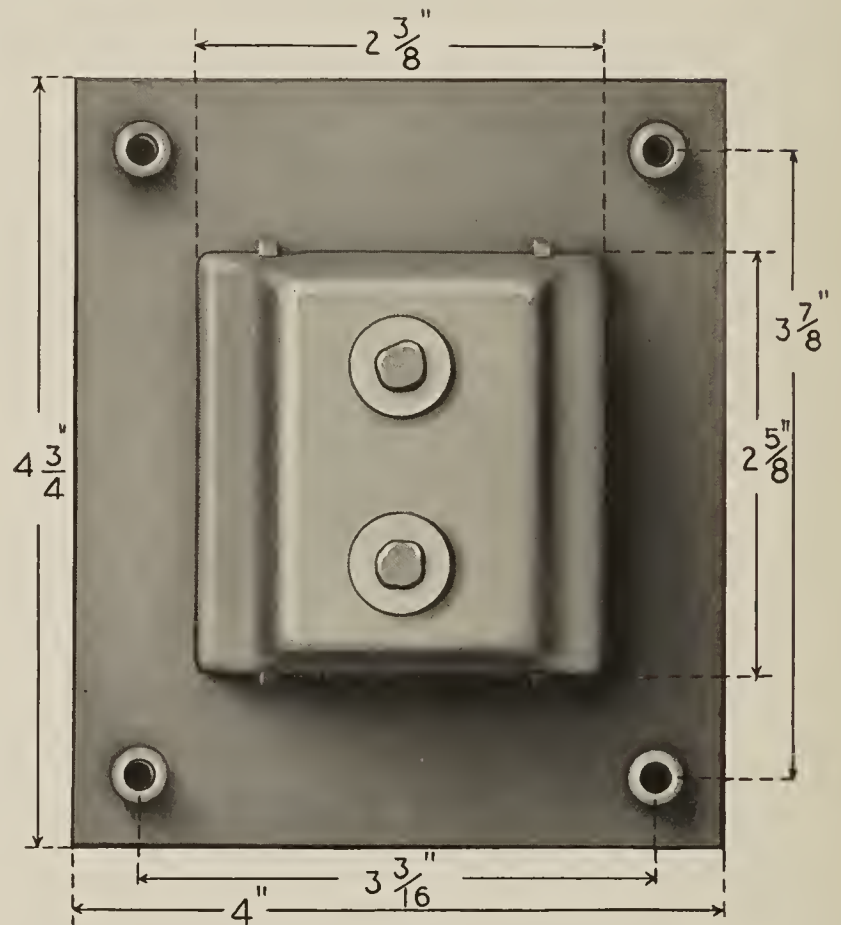
Von Duprin Automatic Door Holder

A high-class device, very heavy, designed to engage the door at the farthest terminal from the closing point without the necessity of engaging and disengaging same by foot or hand pressure. Nothing projecting from the door upon which clothing can be caught. Made for wall or floor. For wood, concrete or stone. Made in brass or bronze metal and brass or bronze holder cup with malleable iron base only. Acts as a buffer as well as holder.



This No. 36 door holder cup is typical on either style of door holder for Holders Nos. 37, 38, 238, 239, 9238, 9239. Elevation showing plate and base of No. 38 Holder engaged.

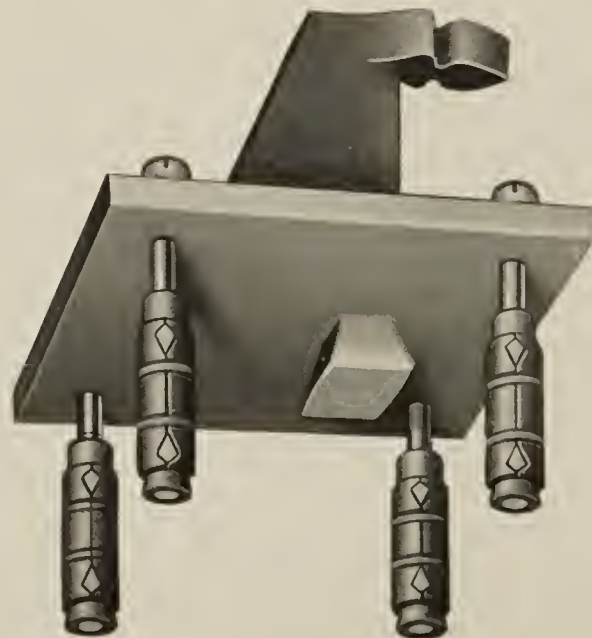
No. 38—3 3/4" High



No. 36 Door Holder Cup Only

Showing reverse side of No. 36 door holder cup with metal door detail

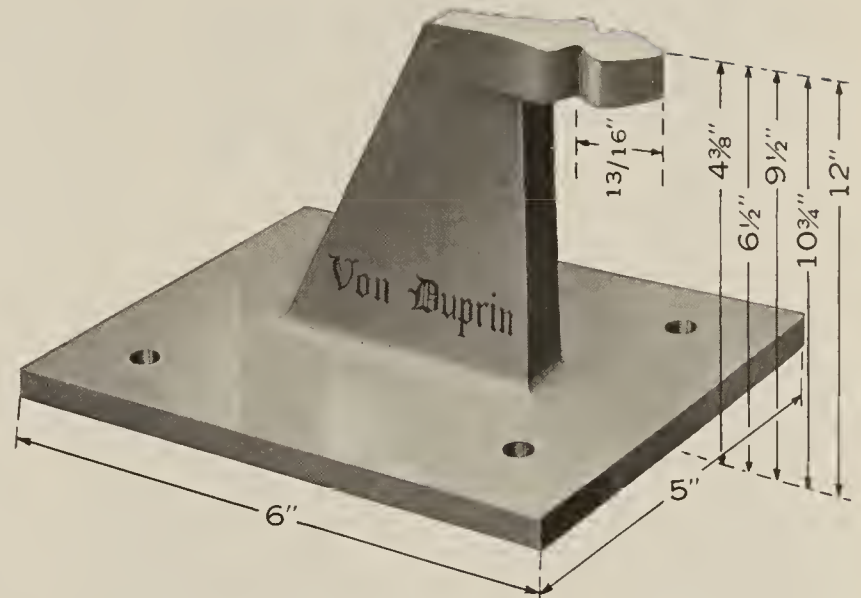
Showing underside of Nos. 238 and 239 Holders as regularly equipped for stone or concrete. Finn to anchor the plate securely to help take the shock. No. 224, page 118. 3/8"x2 1/2" special head brass bolts with expansions furnished regularly, insure a firm holding feature.



Von Duprin Automatic Door Holder

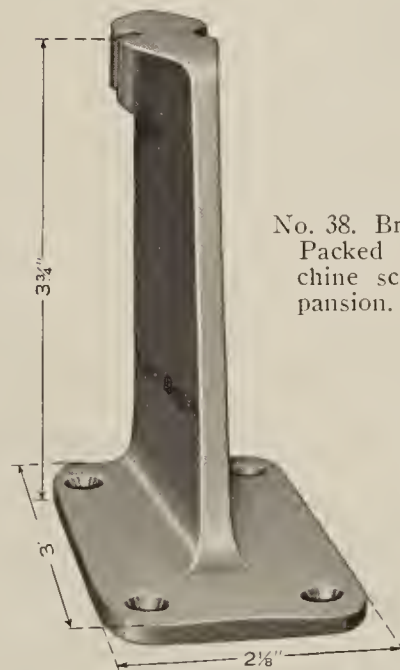
A high-class device, VERY EXTRA HEAVY, designed to engage the door at the farthest terminal from the closing point without the necessity of engaging and disengaging same by foot or hand pressure. Nothing projecting from the door upon which clothing can be caught. For wood, concrete or stone. Acts as a buffer as well as a holder. Specify height as shown for No. 238. Specify heights and width of span wanted on Double Door Holders Nos. 239, No. 36 door cup used with all this series door holders, see detail on page 104.

No.	Height	Spread
38,	3¾"	
238,	4¾"	
	6½"	
	9½"	
	10¾"	
	12"	
9238,	4¾"	
	6½"	
	9½"	
	10¾"	
	12"	
239,	4¾"	4"
	4¾"	5"
	4¾"	6½"
	4¾"	7"
	6½"	4"
	6½"	5"
	6½"	6½"
	6½"	7"
	9½"	4"
	9½"	5"
	9½"	6½"
	9½"	7"
	10¾"	4"
	10¾"	5"
	10¾"	6½"
	10¾"	7"
	12"	4"
	12"	5"
	12"	6½"
	12"	7"
9239,	4¾"	4"
	4¾"	5"
	4¾"	6½"
	4¾"	7"
	6½"	4"
	6½"	5"
	6½"	6½"
	6½"	7"
	9½"	4"
	9½"	5"
	9½"	6½"
	9½"	7"
	10¾"	4"
	10¾"	5"
	10¾"	6½"
	10¾"	7"
9239,	12"	4"
	12"	5"
		6½"
		7"

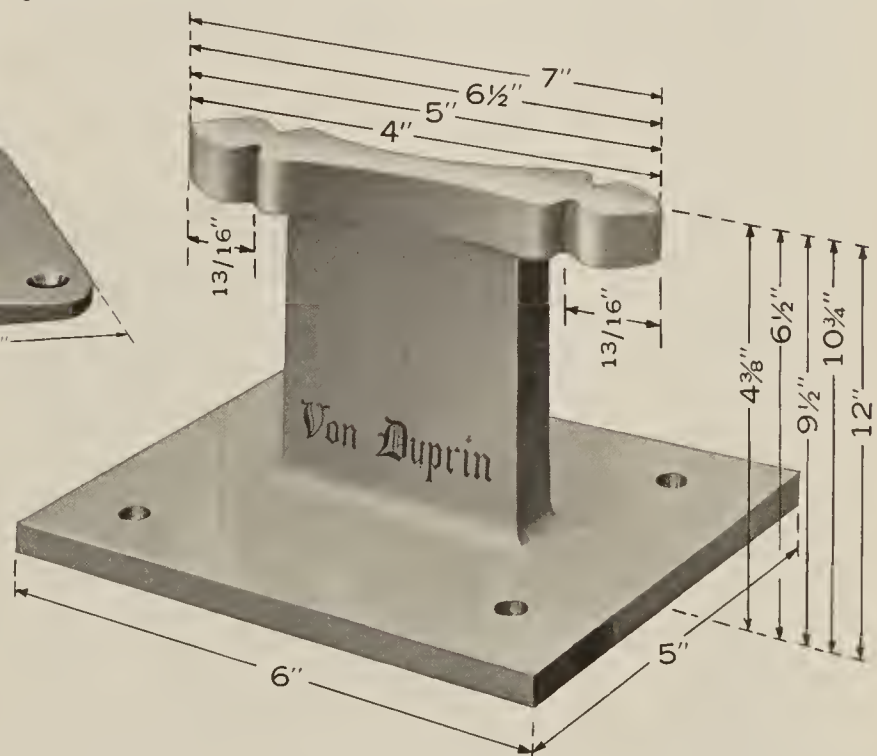


No. 238. Brass or bronze. Packed with No. 224 ¾"x2½"—16 thread acorn head "V" screw slot. Bronze bolts and expansion.

No. 9238. Malleable iron base. Brass or bronze cup. Packed with ½"x3" lag and expansion bolts.

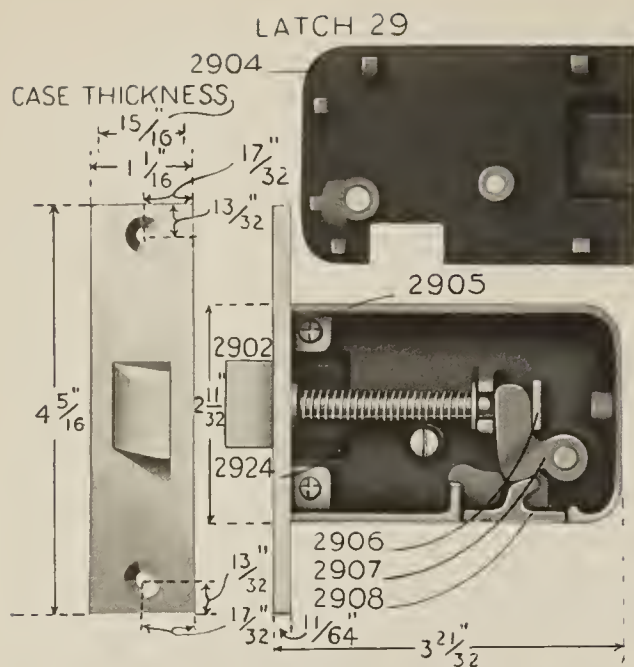


No. 38. Brass or bronze. Packed with 2" machine screws and expansion.



No. 239. Brass or bronze. Packed with No. 224 ¾"x2½", 16 thr. acorn head, "V" screw slot. Bronze bolts and expansion.

No. 9239. Malleable iron base. Brass or bronze cup. Packed with ½"x3" lag, screws and expansion.



Latch No. 29

Used with Devices with Terminal Nos. 29

ACTION AND FEATURES

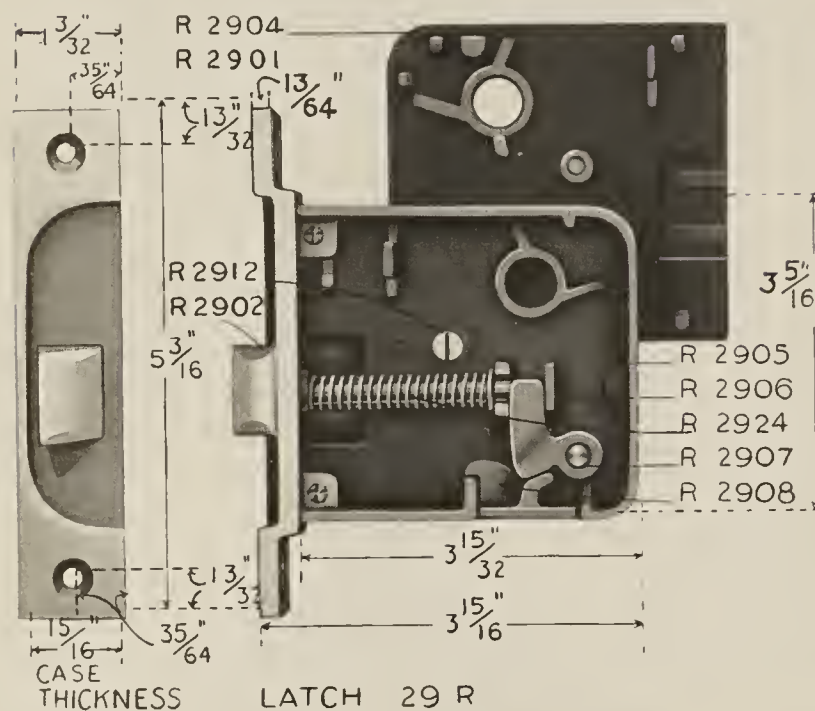
An extra heavy single control (inside) latch with heavy brass face, no locking control, can not be locked against exit at any time.

Back Set 2 1/2"

FUNCTIONING MEMBERS

- 2901 Face
- 2902 Latch Bolt
- 2904 Latch Cap
- 2905 Latch Case
- 2906 Latch Bolt Tail Piece
- 2907 Latch Control Finger
- 2908 Latch Lift
- 2924 Latch Compression Spring

For Strike No. 226J, see page 124



Latch No. R29

Used with Devices with Terminal No. 29 1/2

ACTION AND FEATURES

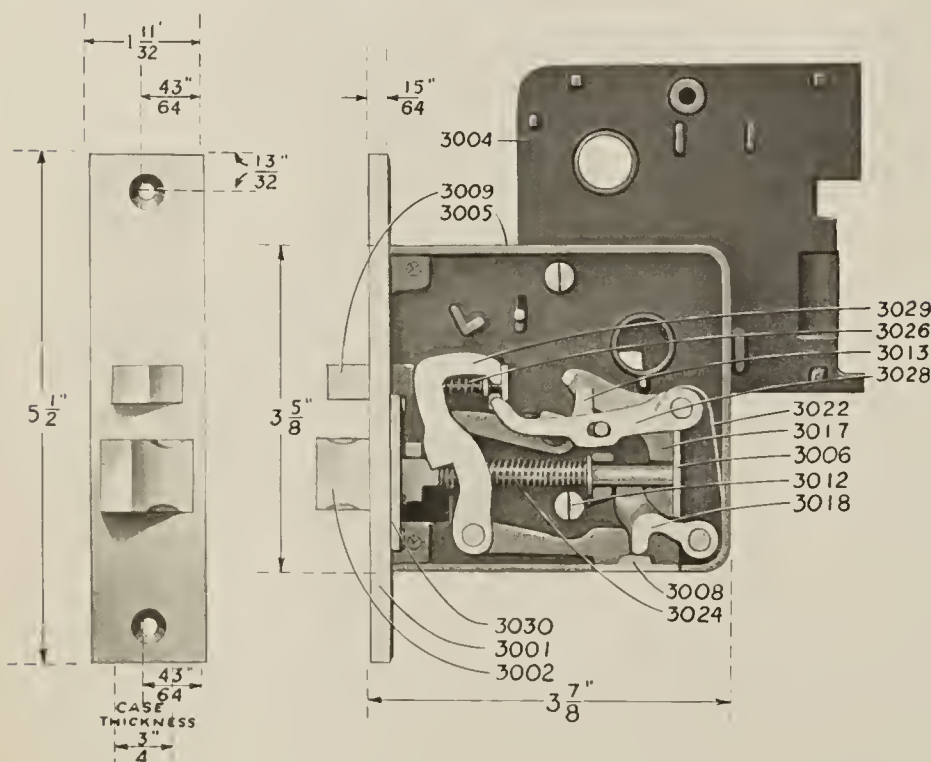
An extra heavy single control (non-pickable). Recessed face latch with heavy brass latch and face, no locking control. Can not be locked against exit at any time.

Back Set 2 3/4"

FUNCTIONING MEMBERS

- R2901 Face
- R2902 Latch Bolt
- R2904 Latch Cap
- R2905 Latch Case
- R2906 Latch Bolt Tail Piece
- R2907 Latch Control Finger
- R2908 Latch Lift
- R2912 Machine Screw, 6-32
- R2924 Compression Spring

For Strike No. 229RJ, see page 124



Latch No. 30

Used with Devices with Terminal No. 30

AUXILIARY ACTION AND FEATURES

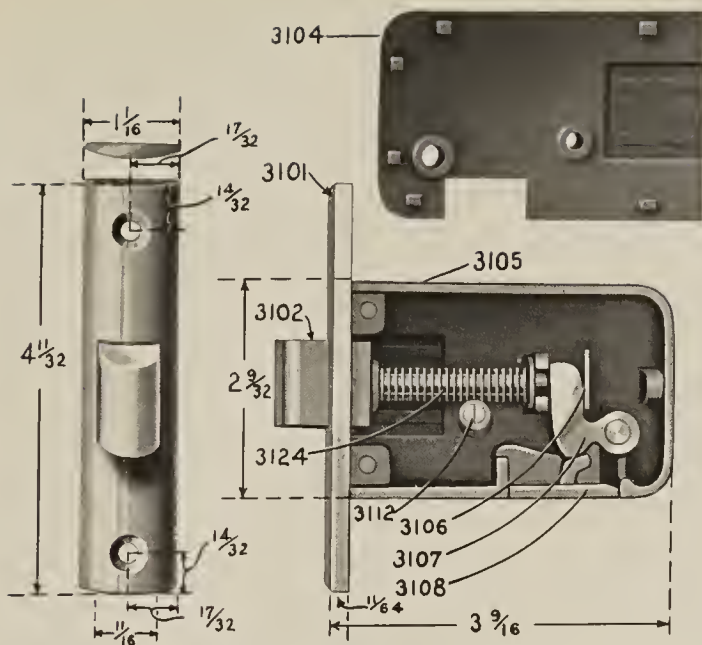
An extra heavy latch for duty as in case of a pair (double) of doors without mullions, used as exit doors only, with auxiliary latch feature. When doors are closed, it is impossible to pick the lock from the outside. Use with Strikes No. 307J, No. 294J. Shown on pages 124, 125. Strike for double doors. For single door.

Back Set 2 3/4"

No. 34 Latch as No. 30 has 3/4" extension for Underwriters' specification "E".

FUNCTIONING MEMBERS

- 3001 Face
- 3002 Latch Bolt
- 3004 Latch Cap
- 3005 Latch Case
- 3006 Latch Bolt Tail Piece
- 3008 Latch Lift
- 3009 Auxiliary Bolt
- 3012 Machine Screws, 6-32
- 3013 Gravity Dog Lock
- 3017 Latch Retracting Lever
- 3018 Master Retractor Lever
- 3022 Spring (Band)
- 3024 Spring (Compression)
- 3026 Spring (Compression)
- 3028 Gravity Dog Auxiliary Lever
- 3029 Auxiliary Bolts Actuating Lever
- 3030 Main Latch Bolt Armor Plate



Latch No. 31

Used with Device 9147N, Type "N"

ACTION AND FEATURES

An extra heavy double acting latch bolt for transformer room doors. Jamb forms the strike, as No. 236J, page 124. See device 9147N, Type "N", page 91.

Back Set $2\frac{1}{2}$ "

FUNCTIONING MEMBERS

- 3101 Face
- 3102 Latch Bolt
- 3104 Latch Cap
- 3105 Latch Case
- 3106 Latch Bolt Tail Piece
- 3107 Latch Control Finger
- 3108 Latch Lift
- 3124 Latch Compression Spring

Latch No. 26K

Used with Devices with Terminal No. 26 Where Knob and Escutcheon Are Used without Key

ACTION AND FEATURES

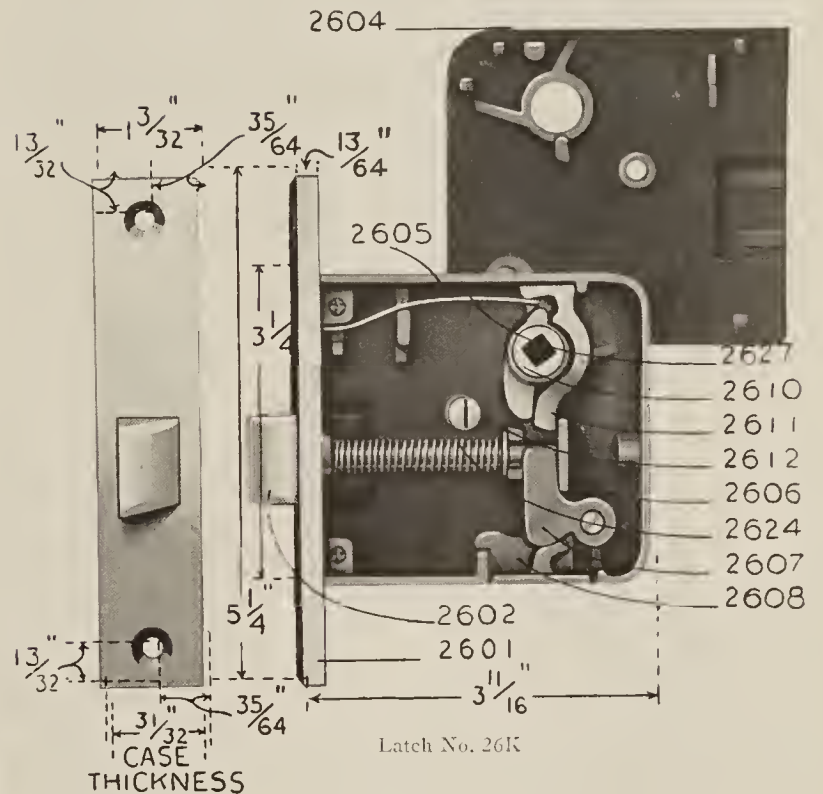
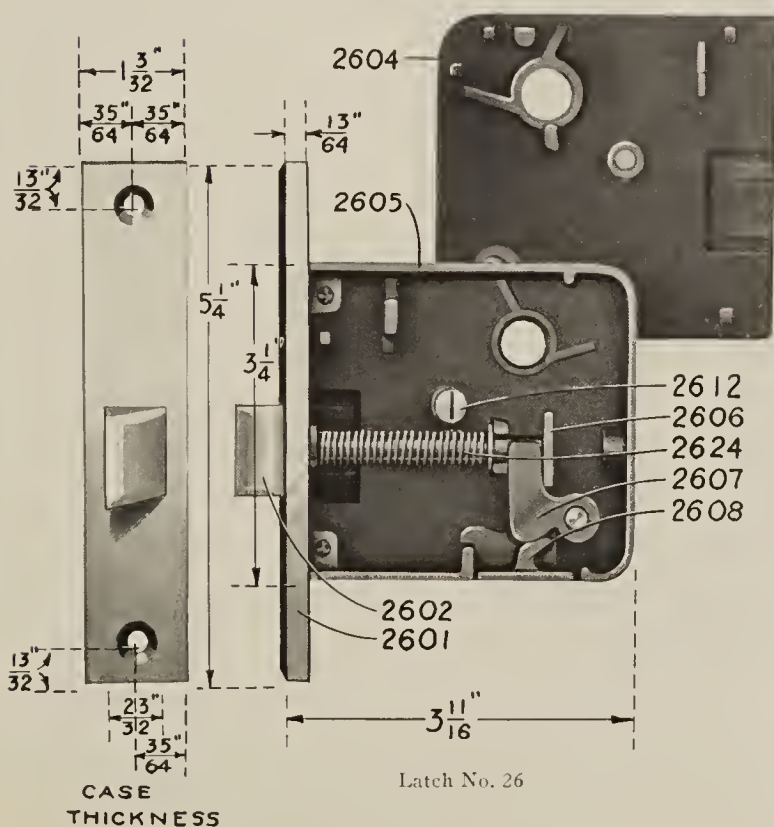
An extra heavy double control (inside or outside) latch with heavy brass latch and face, no locking control. Operable from outside at all times by knob, and from inside by cross bar.

Back Set $2\frac{1}{2}$ "

FUNCTIONING MEMBERS

- K2601 Face
- K2602 Latch
- K2604 Cap
- K2605 Case
- K2606 Latch Bolt Tail Piece
- K2607 Latch Lever
- K2608 Latch Lift
- K2610 Hub for $\frac{5}{16}$ " Square Spindle
- K2611 Knob Latch Lever
- K2612 Machine Screw, 6-32
- K2624 Spring (Compression)
- K2627 Spring (Band)

For Strike No. 226J, see page 124



Latch No. 26

Used with Devices with Terminal No. 26 Where Grip and Thumb Piece Is Used, without Key

Back Set $2\frac{1}{2}$ "

ACTION AND FEATURES

An extra heavy single control (inside) latch with heavy brass face, no locking control, can not be locked against exit at any time.

FUNCTIONING MEMBERS

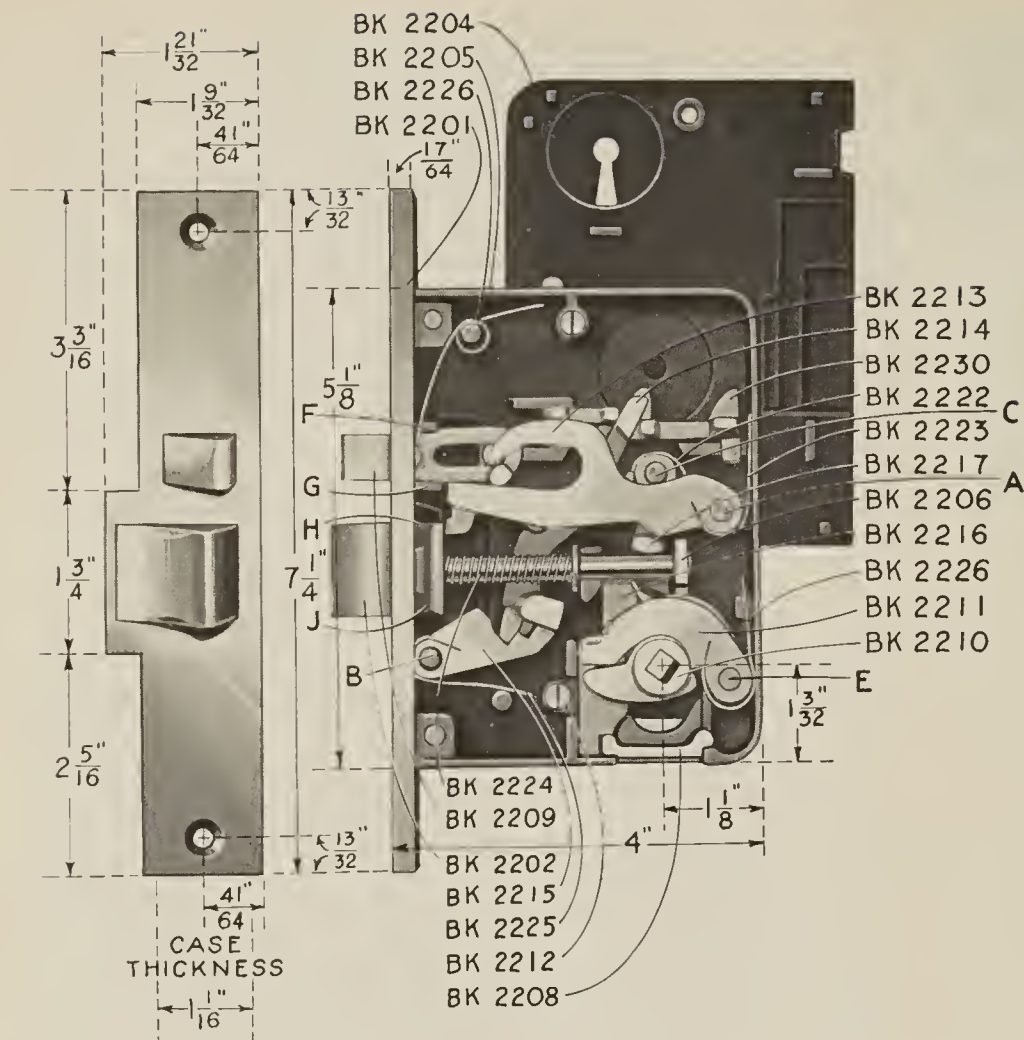
- 2601 Face
- 2602 Latch
- 2604 Cap
- 2605 Case
- 2606 Latch Bolt Tail Piece
- 2607 Latch Lever
- 2608 Latch Lift
- 2612 Machine Screw, 6-32
- 2614 Spring (Compression)

For Strike No. 226J, see page 124

Lock No. BK22

Used with Devices with Prefix BK Numbers
Used with Strikes Nos. 244J, 250J, 245J, 246J,
247J. Detailed on Pages 124 and 125

Back Set $2\frac{7}{8}$ "
Spacing $3\frac{3}{2}$ ", C to C

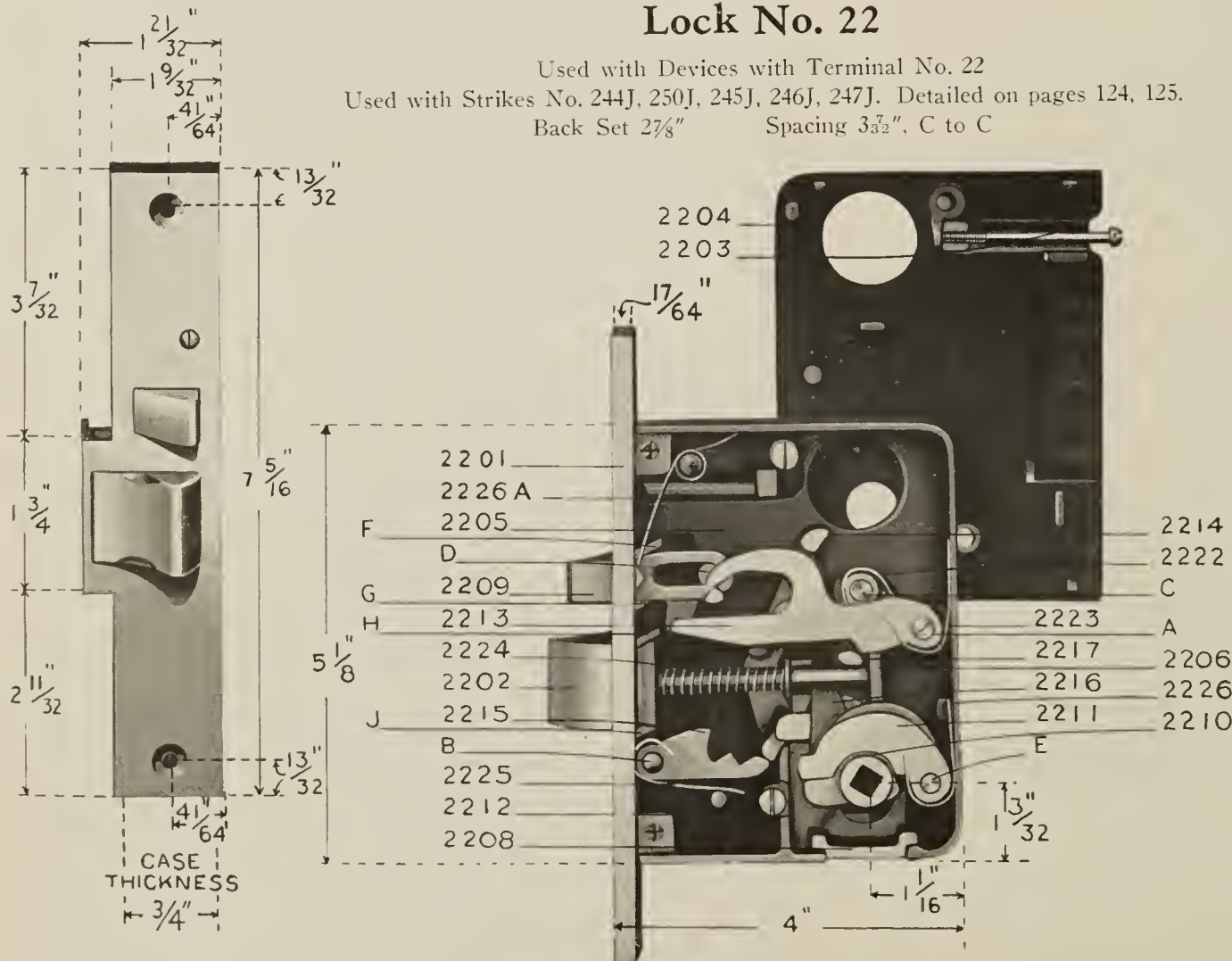


FUNCTIONING MEMBERS

BK2201	Face
BK2202	Main Latch
BK2204	Cap
BK2205	Case
BK2206	Main Latch Bolt Tail Piece
BK2208	Bar Latch Lift
BK2209	Auxiliary Bolt
BK2210	Hub for $\frac{1}{8}$ " Square Spindle
BK2211	Hub Control Lever
BK2212	Machine Screw, 6-32
BK2213	Gravity Dog Lock
BK2214	Cam Cylinder Control
BK2215	Ratchet Auto Control
BK2216	Latch Retracting Lever
BK2217	Latch Retracting Lever
BK2222	Spring (Band)
BK2223	Spring (Band)
BK2225	Spring (Band)
BK2226	Spring (Band)
BK2226 1/2	Spring (Torsion)

Lock No. 22

Used with Devices with Terminal No. 22
Used with Strikes No. 244J, 250J, 245J, 246J, 247J. Detailed on pages 124, 125.
Back Set $2\frac{7}{8}$ " Spacing $3\frac{3}{2}$ ", C to C



FUNCTIONING MEMBERS

2201	Face
2202	Main Latch
2203	Cylinder Screw
2204	Cap
2205	Case
2206	Main Latch Bolt Tail Piece
2208	Bar Latch Lift
2209	Auxiliary Bolt
2210	Hub for $\frac{1}{8}$ " Square Spindle
2211	Hub Control Lever
2212	Machine Screw
2213	Gravity Dog Lock
2214	Cam Cylinder Control
2215	Ratchet Auto Control
2216	Latch Retracting Lever
2217	Latch Retracting Lever
2222	Spring (Band)
2223	Spring (Band)
2224	Spring (Compression)
2225	Spring (Band)
2226	Spring (Band)

Used with mortise cylinder detailed on page 117.

Schedule of other makers of cylinders suitable, see page 117.

LOCK 22

Lock No. BK22

FEATURES—Extra heavy functioning members, eleven (11) moving parts made of manganese bronze or hard brass. Latch bolts enclosed in housings “J” and “F” to prevent matches, toothpicks, pebbles, etc., being crowded into case, also keeps inner works dust-proof. Extended face type providing a very long swing latch bolt, insuring easy action, plus a very long extension outward ($\frac{3}{4}$ ") from face of lock to compensate with the action of warping or shrinking doors. Note, that members “A”, “B”, “C”, “D” and “E” are case-hardened steel *shock stumps* instead of gray iron, as regularly used. Gravity trip lock dog (No. BK2213) especially heavy and anchored by case-hardened steel shock stump “A” taking the shock of “jimming” the latch with steel burglars’ jimmy or other instrument. This stump “A” is *double anchored* (as in stump “E”) to bottom of case—and cap is drilled

and fitted over the stump, insuring double rigidity. See illustration of various devices for back sets and spacing measurements.

ACTION—Member No. BK2215 is a new feature in panic lock construction, performing three distinct functions. Starting with the lock in a locked position, the turn of the bit key toward face of lock to *first click* unlocks mechanism, so entrance by knob from outside is permitted. A further turn of key in the same direction, or to *second click*, sets mechanism so that first operation by knob or cross bar withdraws latch bolts and automatically locks same in a retracted position, permitting door to be used as push and pull. A turn of the key in the opposite direction to the limit of operation sets knob against entrance from outside (except when unlocked by key re-establishing the knob to a functioning feature). *Can not be locked against exit at any time.*

Lock No. 22

FEATURES—Extra heavy functioning members, ten (10) moving parts made of manganese bronze or hard brass. Latch bolts enclosed in housings “J” and “F” to prevent matches, toothpicks, pebbles, etc., being crowded into case, also keeps inner works dust-proof. Extended face type providing a very long swing latch bolt, insuring easy action, plus a very long extension outward ($\frac{3}{4}$ ") from face of lock to compensate with the action of warping or shrinking doors. Note, that members “A”, “B”, “C”, “D” and “E” are case-hardened steel *shock stumps* instead of gray iron, as regularly used. Gravity trip lock dog (No. 2213) especially heavy and anchored by case-hardened steel shock stump “A”, taking the shock of “jimming” the latch with steel burglars’ jimmy or other instrument. This stump “A” is *double anchored* (as in stump “E”) to bottom of case—and cap is drilled and fitted over the stump, insuring double rigidity.

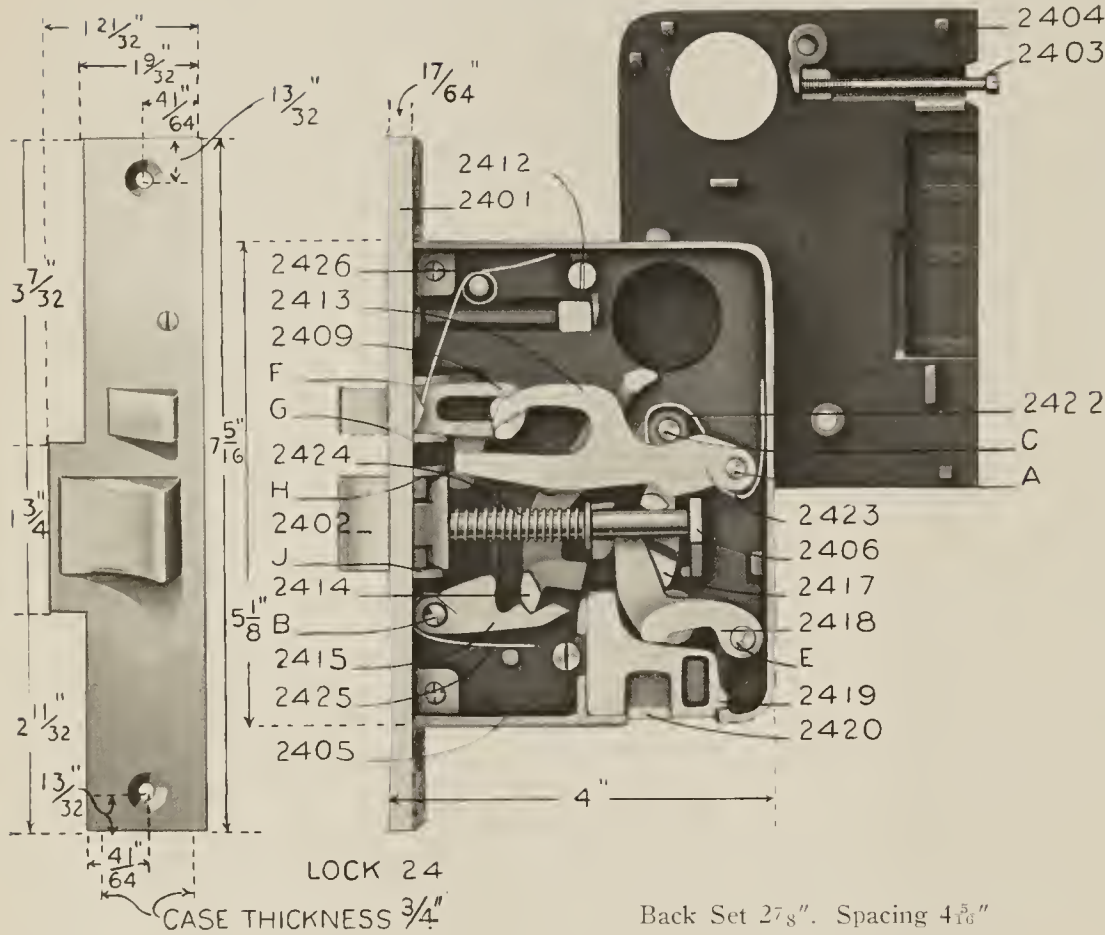
See illustration of various devices for back sets and spacing measurements.

ACTION—Member No. 2215 is a new feature in panic lock construction, performing three distinct functions. Starting with the lock in a locked position, the turn of the cylinder key toward face of lock to *first click* unlocks mechanism, so entrance by knob from outside is permitted. A further turn of key in the same direction, or to *second click*, sets mechanism so that first operation by knob or cross bar withdraws latch bolts and automatically locks same in a retracted position, permitting door to be used as push and pull. A turn of the key in the opposite direction to the limit of operation sets knob against entrance from outside (except when unlocked by key re-establishing the knob to a functioning feature). *Can not be locked against exit at any time.*

Lock No. 24

Used with devices with Terminal No. 24.

Used with Strikes Nos. 244J, 250J, 245J, 246J, 247J. Detailed on pages 124, 125.



FUNCTIONING MEMBERS

- 2401 Lock Face
- 2402 Main Latch Bolt
- 2403 Cylinder Screw
- 2404 Lock Cap
- 2405 Lock Case
- 2406 Main Latch Bolt Tail Piece
- 2409 Auxiliary Bolt
- 2412 Machine Screw, 6-32
- 2413 Gravity Dog Lock
- 2414 Cam Cylinder Control
- 2415 Ratchet Auto Control
- 2417 Latch Retracting Lever
- 2418 Master Retractor Lever
- 2419 Bar Latch Lift
- 2420 Thumb Latch Lift
- 2422 Spring (Band)
- 2423 Spring (Band)
- 2424 Spring (Compression)
- 2425 Spring (Band)
- 2426 Spring (Torsion)

A, B, C, E case-hardened steel stumps.

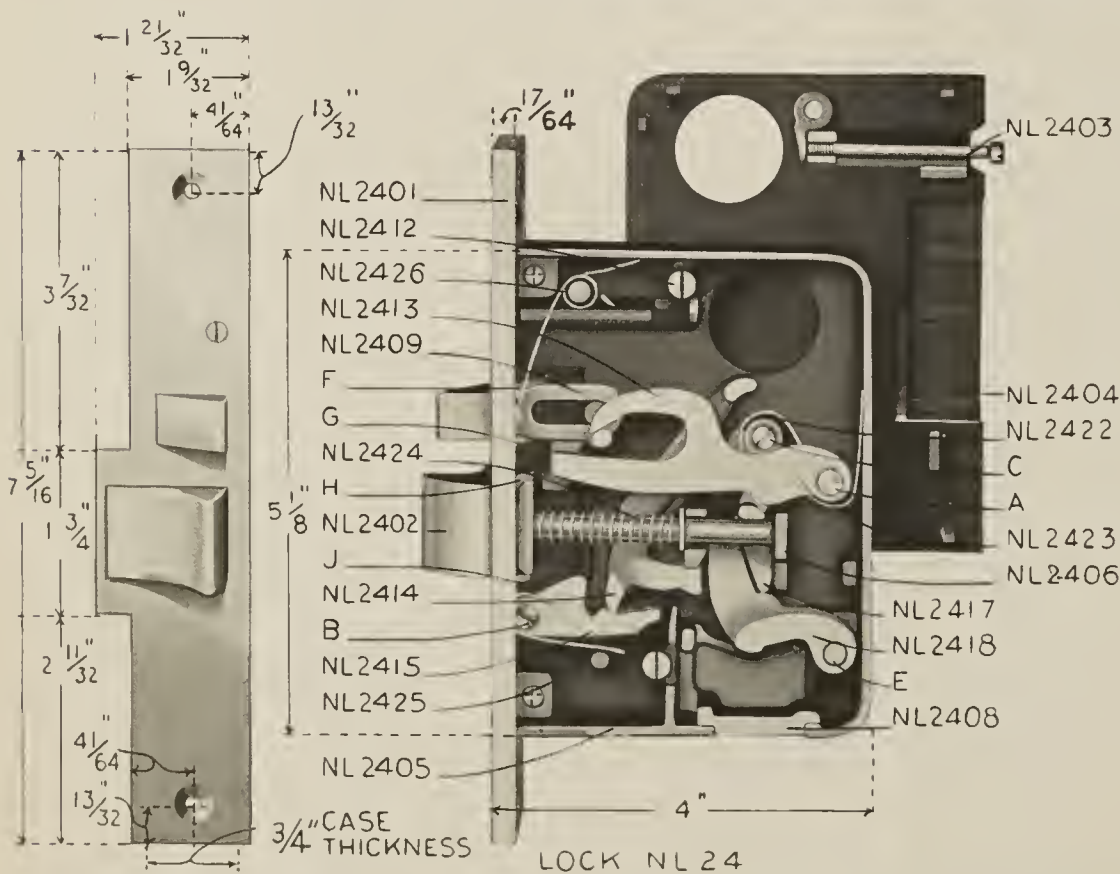
F, G, H, J dust-proof housing for latches. Used with mortise cylinder detailed on page 117.

Schedule of other makers of cylinders suitable, see page 117.

Lock No. NL24

Used with devices with Prefix "NL" Terminal 24 and NL7124G N. Y. (old G9124 N. Y.).

Used with Strikes 244J, 250J, 245J, 246J, 247J. Detailed on pages 124, 125.



FUNCTIONING MEMBERS

- NL2401 Lock Face
- NL2402 Main Latch Bolt
- NL2403 Cylinder Screw
- NL2404 Lock Cap
- NL2405 Lock Case
- NL2406 Main Latch Bolt Tail Piece
- NL2408 Bar Latch Lift
- NL2409 Auxiliary Bolt
- NL2412 Machine Screw, 6-32
- NL2413 Gravity Dog Lock
- NL2414 Cam Cylinder Control
- NL2415 Ratchet Auto Control
- NL2417 Latch Retracting Lever
- NL2418 Master Retractor Lever
- NL2422 Spring (Band)
- NL2423 Spring (Band)
- NL2424 Spring (Compression)
- NL2425 Spring (Band)
- NL2426 Spring (Torsion)

A, B, C, E case-hardened steel stumps.

F, G, H, J dust-proof housing for latches. Used with mortise cylinder detailed on page 117.

Schedule of other makers of cylinders suitable, see page 117.

Lock No. 24

FEATURES—Extra heavy functioning members, eight (8) moving parts made of manganese bronze or hard brass. Latch bolts enclosed in housings “J” and “F” to prevent matches, toothpicks or pebbles, etc., being crowded into works, also keeps inner works dust-proof. Extended face type, providing a very long swing latch bolt, insuring easy action, plus a very long extension outward ($\frac{3}{4}$ ") from face of lock, to compensate with the action of warping or shrinking doors. Note, that members “A”, “B”, “C”, “D” and “E” are case-hardened *steel shock stumps* instead of gray iron, as regularly used. Gravity trip lock dog (No. 2413) especially heavy and anchored by case-hardened *steel shock stump* “A” taking the shock of “jimmying” the latch with steel burglars’ jimmy or other instrument. This stump is *double anchored* (as in stump “E”) to bottom of case—and cap is drilled and fitted over the stump, insuring double rigidity. See illustration of

various devices for back set and spacing measurements.

ACTION—Member No. 2415 is a new feature in panic lock construction, performing three distinct functions. Starting with the lock in a locked position, the turn of the cylinder key toward face of lock to *first click* unlocks mechanism, so entrance by thumbpiece from outside is permitted. A further turn of key in the same direction, or to *second click*, sets mechanism so that first operation by thumbpiece or cross bar withdraws latch bolts and automatically locks same in a retracted position, permitting door to be used as push and pull. A turn of the key in the opposite direction to the limit of operation sets the thumbpiece against entrance from outside (except when unlocked by key, re-establishing the thumbpiece to a functioning feature). *Can not be locked against exit at any time.*

Lock No. NL24 (Night Latch Action)

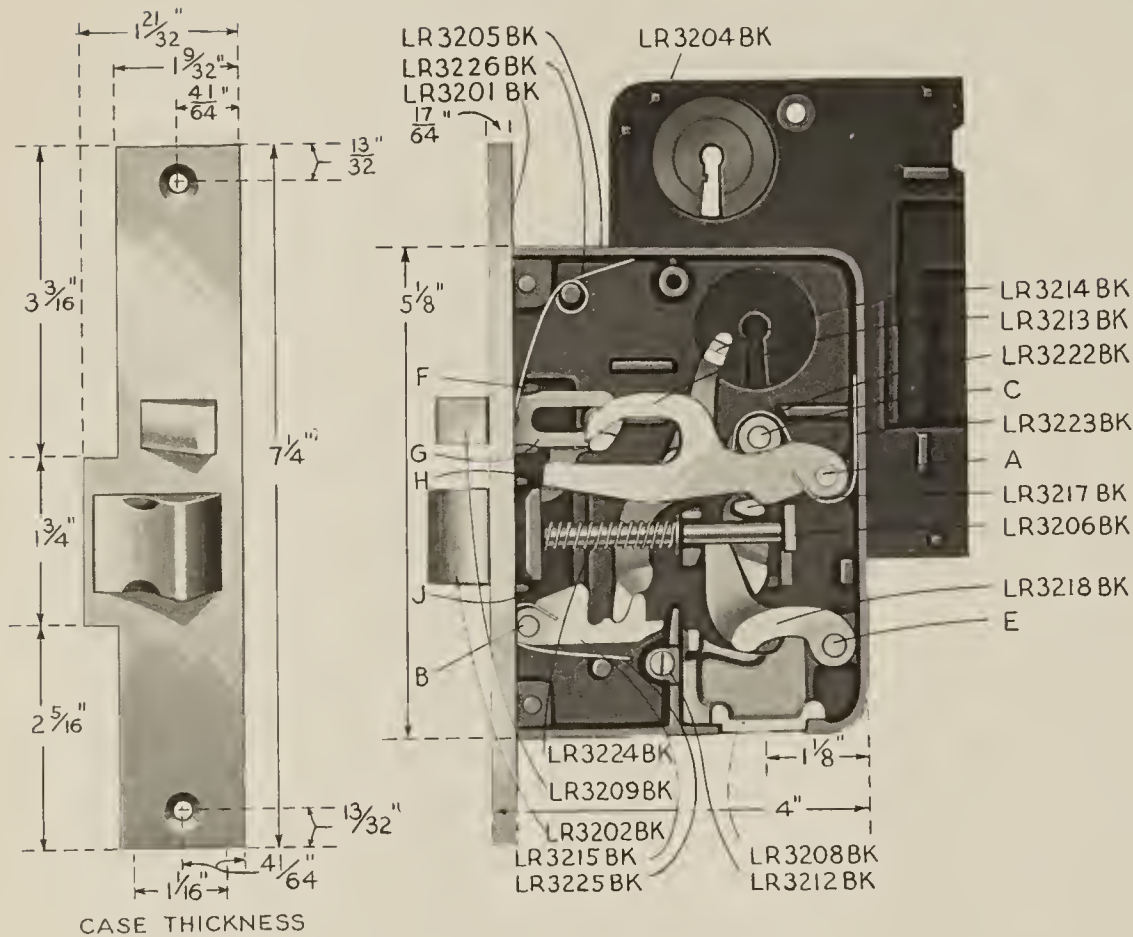
All measurements, back set measurements and features exactly the same as Lock No. 24.

ACTION—Member No. NL2415 is a new feature in panic lock construction, performing two distinct functions. Starting with the lock in a locked position, the turn of the cylinder key toward face of lock to *first click* sets mechanism so that first operation by cross bar automatically withdraws latch

bolts, and locks same in a retracted position, permitting doors to be used as push and pull. A turn of the key in the opposite direction to the limit of operation sets lock against entrance from outside, giving a distinct *night latch action feature*. Each time door closes it automatically locks itself against entrance (except by key). No thumbpiece is used. *Can not be locked against exit at any time.*

Lock No. LR32BK N. Y.

Used for pupils' entrance door with latch retracting feature from the inside only.



FUNCTIONING MEMBERS

LR3201BK	Face
LR3202BK	Main Latch
LR3204BK	Cap
LR3205BK	Case
LR3206BK	Main Latch Bolt Tail Piece
LR3208BK	Bar Latch Lift
LR3209BK	Auxiliary Bolt
LR3212BK	Machine Screw, 6-32
LR3213BK	Gravity Dog Lock
LR3214BK	Cam Key Control
LR3215BK	Ratchet Auto Control
LR3217BK	Latch Retracting Lever
LR3218BK	Master Retractor Lever
LR3222BK	Spring (Band)
LR3223BK	Spring (Band)
LR3224BK	Spring (Compression)
LR3225BK	Spring (Band)
LR3226BK	Spring (Torsion)

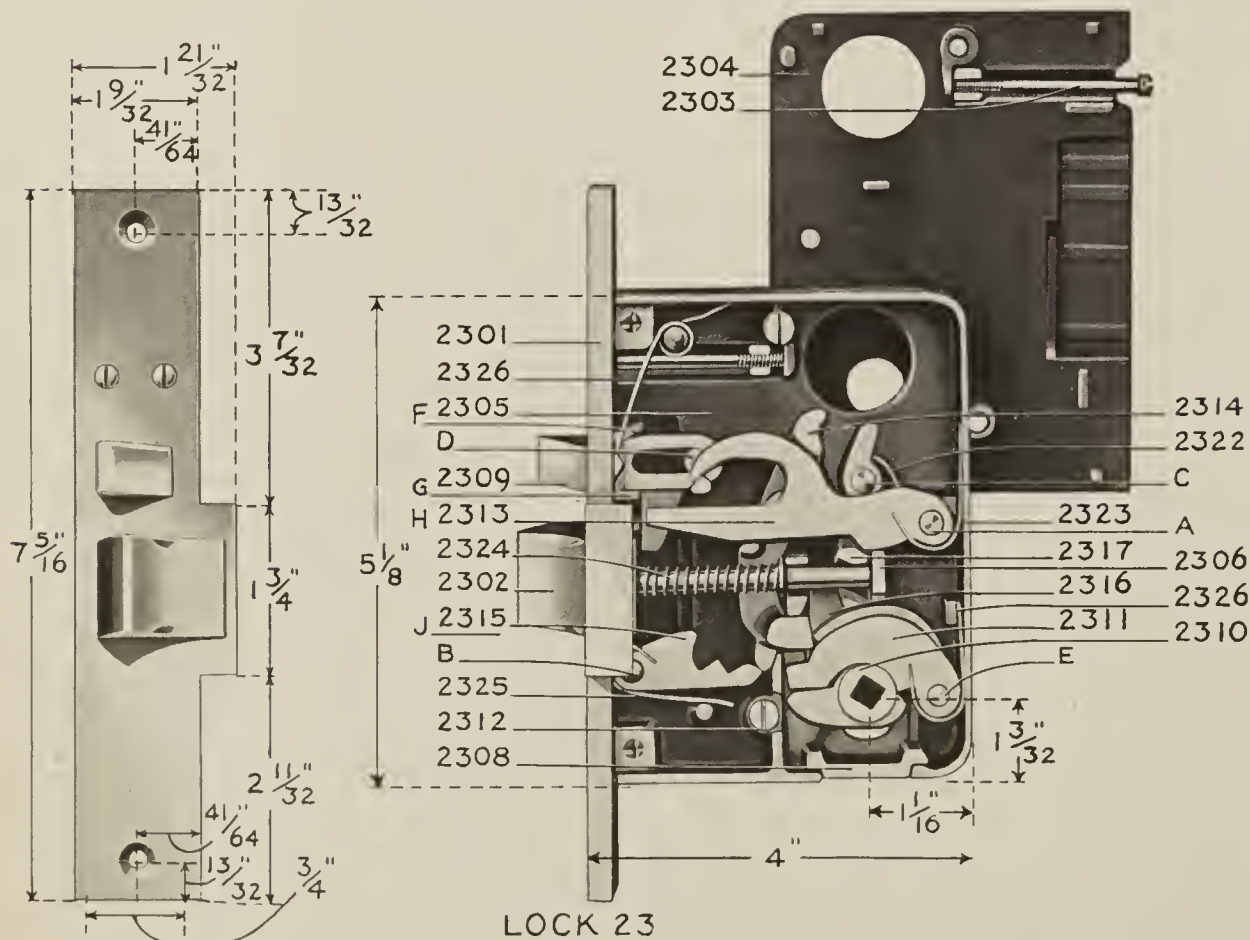
A, B, C, E case-hardened steel stumps.

Back Set $2\frac{7}{8}$ " Spacing $3\frac{3}{4}$ "
Key on Inside Only

Lock No. 23 Double Cylinder

Used with Devices Nos. 3123, 3723, Type "E2".

Used with Strikes Nos. 244J, 250J, 245J, 246J, 247J. Detailed on Pages 124 and 125



FUNCTIONING MEMBERS

2301	Face
2302	Main Latch
2303	Cylinder Screw
2304	Cap
2305	Case
2306	Main Latch Bolt Tail Piece
2308	Bar Latch Lift
2309	Auxiliary Bolt
2310	Hub for $\frac{5}{8}$ " Square Spindle
2311	Hub Control Lever
2312	Machine Screw, 6-32
2313	Gravity Dog Lock
2314	Cam Cylinder Control
2315	Ratchet Auto Control
2316	Latch Retracting Lever
2317	Latch Retracting Lever
2322	Spring (Band)
2323	Spring (Band)
2324	Spring (Compression)
2325	Spring (Band)
2326	Spring (Torsion)

A, B, C, E case-hardened steel stumps. Used with mortise cylinders detailed on page 117. Schedule of other makers of cylinders suitable, see page 117.

Back Set $2\frac{7}{8}$ ". Spacing $3\frac{3}{4}$ "

Lock No. LR32BK N. Y.

FEATURES—Extra heavy functioning members, eight (8) moving parts made of manganese bronze or hard brass. Latch bolts enclosed in housings “J” and “F” to prevent matches, toothpicks or pebbles, etc., being crowded into works, also keeps inner works dust-proof. Extended face type, providing a very long swing latch bolt, insuring easy action, plus a very long extension outward ($\frac{3}{4}$ ”) from face of locks, to compensate with the action of warping or shrinking doors. Note that members “A”, “B”, “C” and “E” are case-hardened steel shock stumps instead of gray iron, as regularly used. Gravity trip lock stump “A” taking the shock of “jimminy” the latch with steel burglars’ jimmy or other instrument. This stump is double anchored (as in stump “E”) to bottom of case—and cap is drilled and fitted over the stump, insuring double rigidity. See illustration of various devices for back set and spacing measurements.

ACTION—Member No. LR3215BK is a new feature in panic lock construction, performing one distinct function. Starting with the lock in a locked position, the turn of the inside key toward the face of the lock to first click unlocks mechanism so that first operation of cross bar withdraws latch bolts and automatically locks same in a retracted position and holds it in that retracted position so the door can be used as a push and pull door, with no obstruction and no latching. To release the retraction feature, the key is turned in the opposite direction. There is no mode of unlocking the door from the outside, as the escutcheon used on the New York Pupils’ Entrance Door equipment is a blank escutcheon with a pull only. After the latch bolt has been unlocked from a retracted position, it is operable from the inside by the cross bar at all times, latching into a dead-locked position by the action of the auxiliary bolt, which rides against a blank strike, making it impossible to pick the lock.

Lock No. 23 Double Cylinder

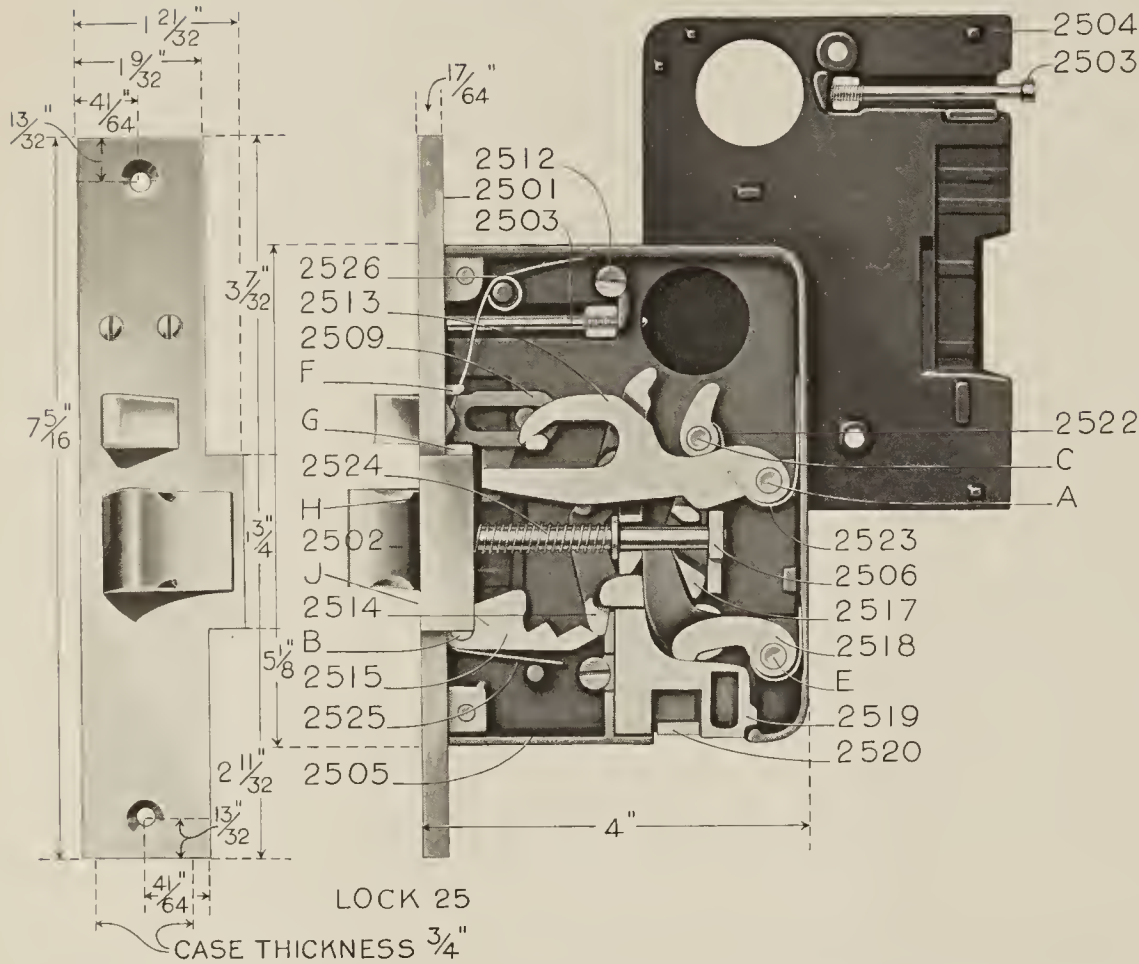
FEATURES—Extra heavy functioning members, nine (9) moving parts made of manganese bronze or hard brass. Latch bolts enclosed in housings “J” and “F” to prevent matches, toothpicks or pebbles, etc., being crowded into works, also keeps inner works dust-proof. Extended face type, providing a very long swing latch bolt, insuring easy action, plus a very long extension outward ($\frac{3}{4}$ ”) from face of locks, to compensate with the action of warping or shrinking doors. Note that members “A”, “B”, “C” and “E” are case-hardened steel shock stumps instead of gray iron, as regularly used. Gravity trip lock dog (No. 2313) especially heavy and anchored by case-hardened steel shock stump “A” taking the shock of “jimminy” the latch with steel burglars’ jimmy or other instrument. This stump is double anchored (as in stump “E”) to bottom of case—and cap is drilled and fitted over the stump, insuring double rigidity. See illustration of various devices for back set and spacing measurements.

ACTION—Member No. 2315 is a new feature in panic lock construction, performing three distinct functions. Starting with the lock in a locked position, the turn of the inside cylinder key toward face of lock to first click unlocks mechanism, so entrance by knob from outside is permitted. A further turn of key in the same direction, or to second click, sets mechanism so that first operation by knob or cross bar withdraws latch bolts and automatically locks same in a retracted position, permitting door to be used as push and pull. A turn of the inside cylinder key in the opposite direction to the limit of operation sets the knob against entrance from outside. Entrance by outside cylinder key, reverse locking, as in a night latch, when door is again closed the lock automatically locks itself, continuing this action until night latch feature is thrown off by a forward turn of the inside cylinder key.

Lock No. 25 Double Cylinder

Used with Devices Nos. 3725 and 3125, Type "E2".

Used with Strikes Nos. 244J, 250J, 245J, 246J, 247J. Detailed on pages 124, 125.



FUNCTIONING MEMBERS

- 2501 Lock Face
- 2502 Main Latch Bolt
- 2503 Cylinder Screw
- 2504 Lock Cap
- 2505 Lock Case
- 2506 Main Latch Bolt Tail Piece
- 2509 Auxiliary Bolt
- 2512 Machine Screw, 6-32
- 2513 Gravity Dog Lock
- 2514 Cam Cylinder Control
- 2515 Ratchet Auto Control
- 2517 Latch Retracting Lever
- 2518 Master Retractor Lever
- 2519 Bar Latch Lift
- 2520 Thumb Latch Lift
- 2522 Spring (Band)
- 2523 Spring (Band)
- 2524 Spring (Compression)
- 2525 Spring (Band)
- 2526 Spring (Torsion)

A, B, C, E case-hardened steel stumps.

F, G, H, J dust-proof housings for latches. Used with mortise cylinder detailed on page 117.

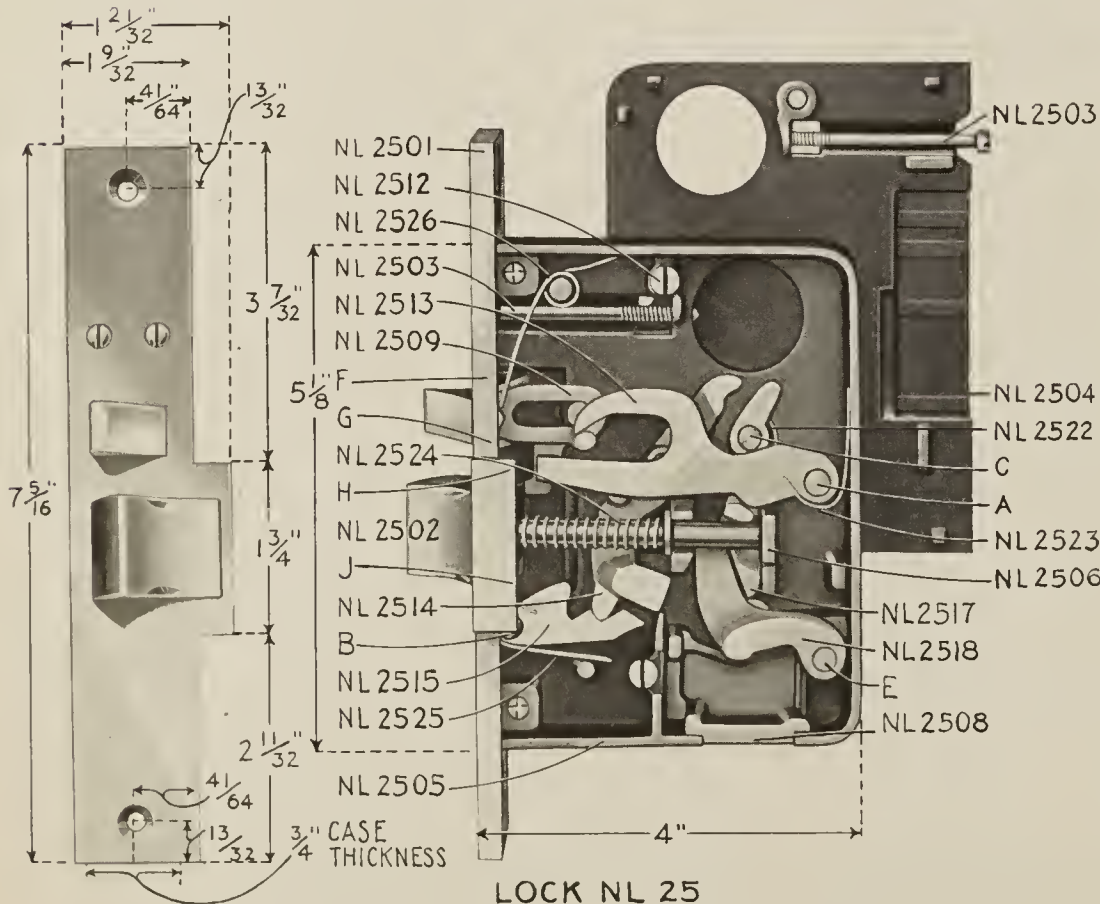
Schedule of other makers of cylinders suitable, see page 117.

Back Set 27/8". Spacing 4 5/8"

Lock No. NL25 Double Cylinder

Used with Devices Nos. NL3725 and NL3125, Type "E2".

Used with Strikes Nos. 244J, 250J, 245J, 246J, 247J. Detailed on pages 124, 125.



FUNCTIONING MEMBERS

- NL2501 Lock Face
- NL2502 Main Latch Bolt
- NL2503 Cylinder Screw
- NL2504 Lock Cap
- NL2505 Lock Case
- NL2506 Main Latch Bolt Tail Piece
- NL2508 Bar Latch Lift
- NL2509 Auxiliary Bolt
- NL2512 Machine Screw, 6-32
- NL2513 Gravity Dog Lock
- NL2514 Cam Cylinder Control
- NL2515 Ratchet Auto Control
- NL2517 Latch Retracting Lever
- NL2518 Master Retractor Lever
- NL2522 Spring (Band)
- NL2523 Spring (Band)
- NL2524 Spring (Compression)
- NL2525 Spring (Band)
- NL2526 Spring (Torsion)

A, B, C, E case-hardened steel stumps.

F, G, H, J dust-proof housings for latches. Used with mortise cylinders detailed on page 117.

Schedule of other makers of cylinders suitable, see page 117.

Back Set 27/8". Spacing 4 5/8"

Lock No. 25 Double Cylinder

FEATURES—Extra heavy functioning members, nine (9) moving parts made of manganese bronze or hard brass. Latch bolts enclosed in housings “J” and “F” to prevent matches, toothpicks or pebbles, etc., being crowded into works, also keeps inner works dust-proof. Extended face type, providing a very long swing latch bolt, insuring easy action, plus a very long extension outward ($\frac{3}{4}$ "") from face of locks, to compensate with the action of warping or shrinking doors. Note that members “A”, “B”, “C” and “E” are case-hardened steel shock stumps instead of gray iron, as regularly used. Gravity trip lock dog (No. 2513) especially heavy and anchored by case-hardened steel shock stump “A” taking the shock of “jimmying” the latch with steel burglars’ “jimmy” or other instrument. This stump is double anchored (as in stump “E”) to bottom of case—and cap is drilled and fitted over the stump, insuring double rigidity. See illustration of various devices for back set and spacing measurements.

ACTION—Member No. 2515 is a new feature in panic lock construction, performing three distinct functions. Starting with the lock in a locked position, the turn of the inside cylinder key toward face of lock to first click unlocks mechanism, so entrance by thumbpiece from outside is permitted. A further turn of key in the same direction, or to second click, sets mechanism so that first operation by thumbpiece or cross bar withdraws latch bolts and automatically locks same in a retracted position, permitting door to be used as push and pull. A turn of the inside cylinder key in the opposite direction to the limit of operation sets the thumbpiece against entrance from outside. Entrance by outside cylinder key, reverse locking, as in a night latch, when door is again closed the lock automatically locks itself, continuing this action until night latch feature is thrown off by a forward turn of the inside cylinder key.

Lock No. NL25 Double Cylinder (Night Latch Action)

All measurements, back set measurements and features exactly the same as lock 25.

ACTION—Member No. NL2515 is a new feature in panic lock construction, performing two distinct functions. Starting with the lock in a locked position, the turn of the inside cylinder key toward face of lock to full stop sets mechanism so that first operation by cross bar automatically withdraws latch bolts, and locks same in a retracted position, permit-

ting doors to be used as push and pull. A turn of the inside cylinder key in the opposite direction to the limit of operation sets lock against entrance from outside. Entrance by outside cylinder key reverse latching (as in a night latch) when door is again closed the lock again automatically locks itself, continuing this action until night latch action is thrown off by a forward turn of the inside cylinder key, no thumbpieces used. *Can not be locked against exit at any time.*

Electric Door Opener

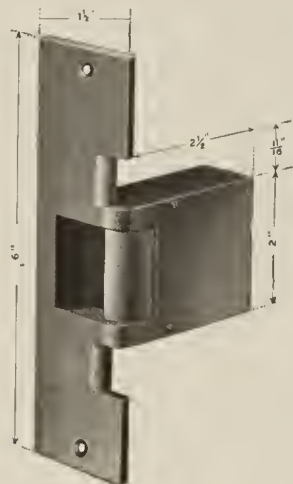
MADE PRIMARILY FOR TELEPHONE EXCHANGE MAIN ENTRANCE DOORS

Used in connection with Nos. 22, 24 and NL24 locks. Doors released by push button from chief operator's desk. Door operative from inside at all times.

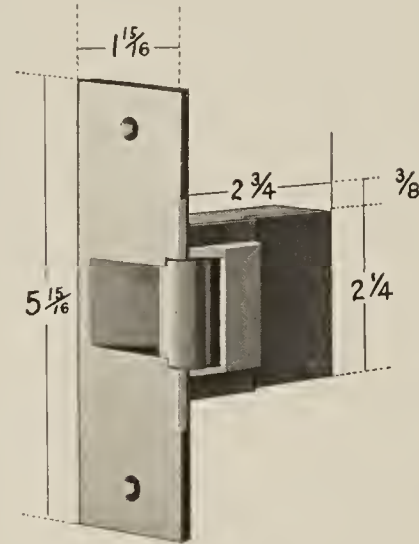
No. 1542V for Old Style Straight Face Locks Nos. 722 and 724.

No. 1543V for New Style Offset Face Locks Nos. 22, 23, 24, 25, NL24, NL25 for 2¼" or heavier doors.

No. 1544V for New Style Offset Face Locks Nos. 22, 23, 24, 25, NL24, NL25 for 2½" doors. For Indiana Bell Telephone Company. Size of case, 2¼"x2¾".



No. 1542V



No. 1543V
For 2¼" or Heavier Doors

Armored Latch Protector

Used to bolt on edge of door to insure against vandalism, and are particularly desirable where doors are shrunk too far away from the frame to prevent vandals from inserting tools, and prying latch bolts away from the strike in order to open the door.

Made with two contours.

No. 1234 VON DUPRIN, fitting all VON DUPRIN Locks Nos. 22, 23, 24, 25.

No. 1235 Cor. fitting locks of other manufacturers.



Fig. No. 1234
8¾"x1¼"



Fig. 1235 Cor.
8¾"x1½"



Fig. 1237. Radius Face
Fits Any VON DUPRIN
Cylinder Lock 22, 23, 24, 25
Takes Adjustable Strike
247RF

Radius for 1¾" is 2"
Radius for 2¼" is 4½"

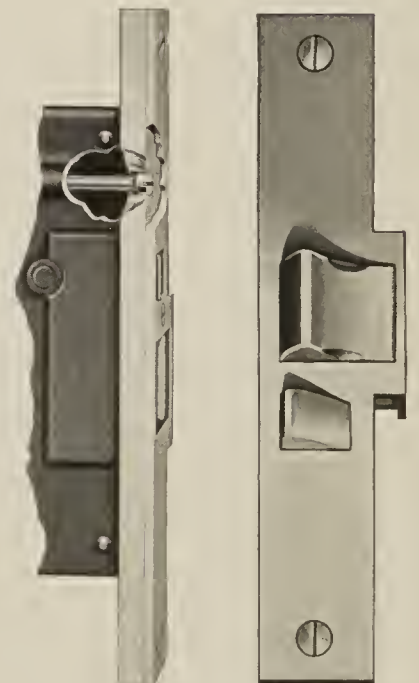


Fig. 1238. Armored Front

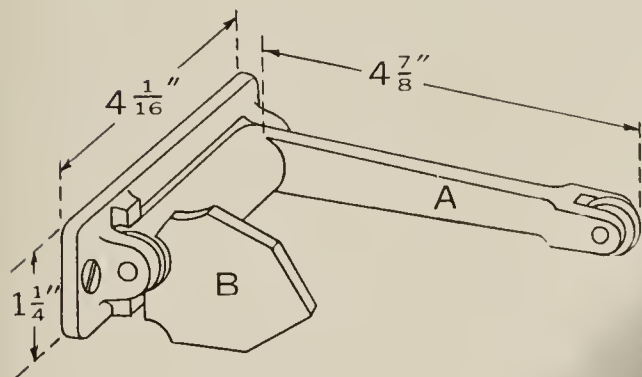
ARMORED FRONT NO. 1238

No. 1238 used on Locks Nos. 22, 23, 24, 25.

Fronts are made to special order only, and at least four weeks must be given for fabrication.

No. 1236 Automatic Coordinating Device

For Controlling Double Doors with Overlapping Astragal or Rabbeted Face Doors

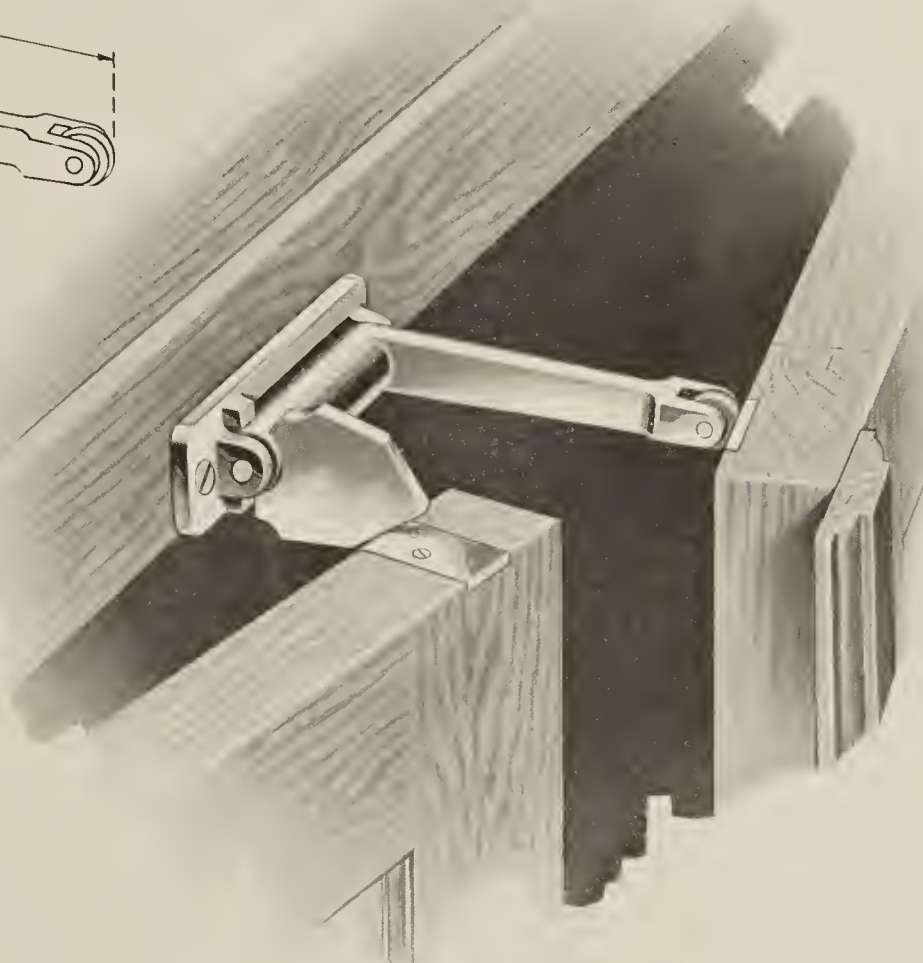


For use on pairs of doors with overlapping astragal, or on doors having rabbeted faces. Insures the closing of the inactive door before the closing of the active door.

An attempt to close the active door first is frustrated—it is held open by arm A until the inactive door is first closed. Arm A being in contact with active door, inactive door engaging bracket B at the closing point, raising the arm A and allowing the active door to close *only after* the inactive door has been closed.

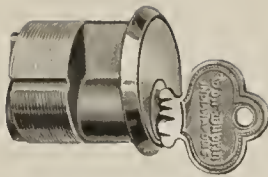
Regularly furnished for doors flush with casing. Can be furnished, to order, for doors recessed $\frac{5}{8}"$, $\frac{7}{8}"$ or $1\frac{1}{4}"$.

Always specify hand of active door. If door is not flush with outside casing, specify how much it is recessed.

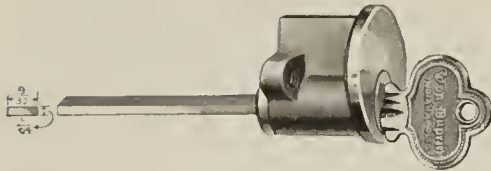


Cast Brass or Cast Bronze Only.

Cylinders



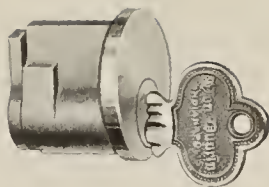
No. 3215 Mortise
1.55—32 Thread



No. 3216 Rim
.271x.086x1⁷/₈"



Fig. 3218
Dummy Cylinder



No. 3217 Special Rim
Cylinder for Inside
No. 1025 Bulldog

If other makes of cylinders are sent us to be used in connection with our device, order by numbers indicated in following schedule. If we furnish cylinders of other manufacturers we make a flat charge of 25c each net for regular keyed cylinder, and 50c each net for master keyed cylinder.

When ordering cylinders of other manufacturers to be used with our trim please be governed by table below :

Name of Manufacturer	Von Duprin Types	Mortise Cylinders		Rim Cylinder
		1 ³ / ₄ " Thick Door	2 ¹ / ₄ " Thick Door	
*Russell & Erwin Mfg. Co.	B	8 Adj.	8 Adj.	1290
	All others	8 Adj.	8 Adj.	1290
*Sargent & Co.	B	44—1 ¹ / ₂ "	46—1 ³ / ₄ "	21
	All others	42—1 ¹ / ₄ "	44—1 ¹ / ₂ "	21
P & F Corbin	B	253—1 ¹ / ₂ "	253—1 ³ / ₄ "	251
	All others	253—1 ¹ / ₄ "	253—1 ¹ / ₂ "	251
*Sager Lock Works	B	1901—1 ¹ / ₂ "	1901—1 ³ / ₄ "	1902
	All others	1901—1 ¹ / ₄ "	1901—1 ¹ / ₂ "	1902
Barrows Lock Works	B	5—1 ¹ / ₂ "	5—1 ³ / ₄ "	10
	All others	5—1 ¹ / ₄ "	5—1 ¹ / ₂ "	10
*Yale & Towne Mfg. Co.	B	1122—1 ¹ / ₂ "	1122—1 ³ / ₄ "	1109
	All others	1122—1 ¹ / ₄ "	1122—1 ¹ / ₂ "	1109
*Penn Hardware Co.	B	2—1 ¹ / ₂ "	2—1 ³ / ₄ "	10
	All others	2—1 ¹ / ₄ "	2—1 ¹ / ₂ "	10
Norwalk Lock Co.	B	C1 ¹ / ₈ x1 ³ / ₈ "	D1 ¹ / ₈ x1 ⁵ / ₈ "	Rim cyl.
	All others	B1 ¹ / ₈ x1 ¹ / ₈ "	C1 ¹ / ₈ x1 ³ / ₈ "	Rim cyl.
*Lockwood Mfg. Co.	B	5000—1 ¹ / ₂ "	5000—1 ³ / ₄ "	5010
	All others	5000—1 ¹ / ₄ "	5000—1 ¹ / ₂ "	5010
Clinton Lock Co.	B	70—1 ¹ / ₂ "	70—1 ³ / ₄ "	80
	All others	70—1 ¹ / ₄ "	70—1 ¹ / ₂ "	80
*Reading Hdw. Co.	B	103—1 ¹ / ₂ "	104—1 ³ / ₄ "	201
	All others	102—1 ¹ / ₄ "	103—1 ¹ / ₂ "	201

*Cylinders of other manufacturers carried in stock in finish 10 and 11.

Cylinder keys are furnished regularly as follows, when keyed alike :

2 locks	3 keys each
3 to 5 locks	2 keys each
6 to 10 locks	1 key each



No. 216A
Anchor Plate Furnished
with Rim Devices



No. 223C
Series 666



No. 218C
Series 777



No. 224C
Present Type
Key Series



No. 225BK
Bit Key



No. 221
VON DUPRIN
Two-Bit Dog
Control Key



No. 219
Cylinder Rings
1¹/₈", 1¹/₆", 1¹/₄"



Special Items



Fig. 214
Auxiliary Booster Spring,
Double Acting

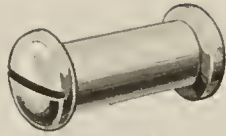


Fig. 1924
Axle Size $\frac{3}{8}$ "



Fig. 1928
 $1\frac{1}{8}$ "x $\frac{1}{2}$ " for Types BCE2HK
 $1\frac{1}{4}$ "x $\frac{1}{2}$ " for Type A



1928A
Axle Anchor Screw
 $\frac{3}{4}$ " No. 10-24

Fig. 214. Auxiliary booster spring, designed for 2660, 2661, 2662, 2663. Special handles and bar grips, with lever handle top and bottom latch control instead of knob. For devices 1123B, 6123C, 2123K, 8123K. All brass or bronze metal only.

Fig. 1924. Axle pin used on devices produced in 1924, 1925, 1926, 1927. Brass or bronze only.

Fig. 1928. Axle pin for Types A, B, C, E2, H, K devices. Produced June 1, 1928. Children can not remove axle, as head is not provided with slot or pin holes. Anchorage is made through lever base. Brass or bronze only.

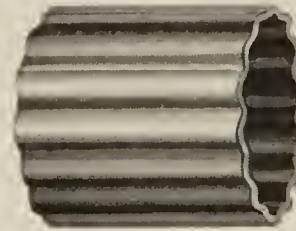
Cross Bar Tubes



No. 12 Plain. 1" 16-Gauge Seamless
Also Carried in $\frac{7}{8}$ " 16-Gauge
Brass or Bronze Only



No. 112 Fluted. $\frac{7}{8}$ " 16-Gauge
Brass or Bronze Only



Door Holder Screws



Fig. 226A



Fig. 226

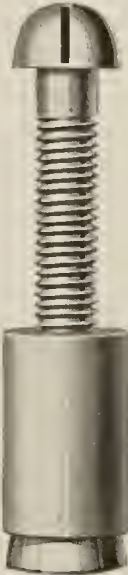


Fig. 224



Head of 224 Bolt,
Showing Special
Screw Slot



Fig. 225



Fig. 225A



Fig. 223



Fig. 227

Fig. 223. Designed for Holders No. 37 and No. 38. For concrete or stone. Round head, size 2", No. 10-24 thread, complete with expansion.

Fig. 224. Designed for Holders No. 238 and No. 239. For concrete or stone. Round head, size $\frac{3}{8}$ "x2 $\frac{1}{2}$ ", under head 16 thread. Special slot for "V" point screw driver. Complete with expansions. Brass or bronze only.

Fig. 226. Designed for Holders No. 9238, 4 $\frac{3}{8}$ ", No. 9239, 4 $\frac{3}{8}$ ", No. 9240, 5". For concrete or stone. Square head, $\frac{3}{8}$ "x3" iron lag screw and expansion. Iron only.

Fig. 226A. Same as No. 226, but used for 9240, 7" and 10" holder. Size lag, $\frac{1}{2}$ "x3". Also used for No. 9238 and No. 9239, 6 $\frac{1}{2}$ ", 9 $\frac{1}{2}$ ", 10 $\frac{3}{4}$ " and 12". Iron only.

Fig. 227. 2" No. 10 Oval head brass screws with expansion for No. 38 Holders, 37, 37A.

Sex Bolts

Through Bolts for All Types Devices Threaded $\frac{1}{8}$ " Inside

Fig. 225. $\frac{3}{4}$ " round female shoulder for 10-24 thread oval head counter-sunk machine screw.

Fig. 225C. $1\frac{1}{8}$ " round female shoulder for 10-24 thread oval head counter-sunk machine screw.

Fig. 225A. $1\frac{1}{8}$ " square female shoulder for 10-24 thread oval head counter-sunk machine screw.

Screw length to be determined in the field.

"Order allowing for thickness of case and door, less length of shoulder."

Thickness of all types of devices given in pages showing interior members.

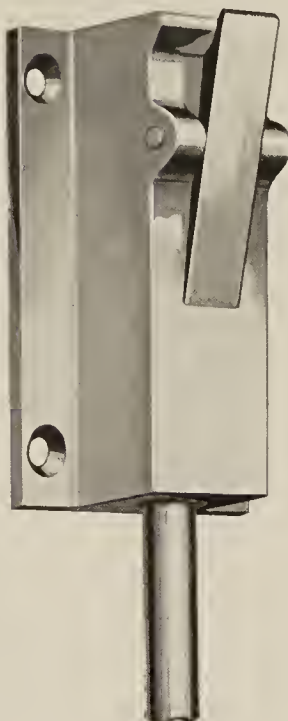
Long female screw used on center and hinged end case.

All Brass or Bronze

Automatic Latch Retractor for Vertical Rod Devices



No. LR272
Showing Latch Extended



No. LR272
Showing Latch Retracted



No. LR272
Showing Interior
Construction

Von Duprin Hook Dogging Devices

Nos. 47 and 49 Are Pin Tumbler Key Control

No. 49 has feature of controlling the dog hook in either locked or unlocked position. The hook can be locked down (unlocked) or up (locked) position.

No. 47 locks dog hook in unlocked position only.



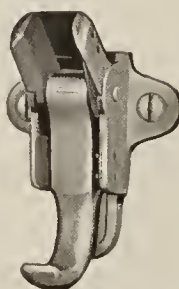
No. 46



No. 47



No. 221 Key
For Nos. 47
and 49



No. 49



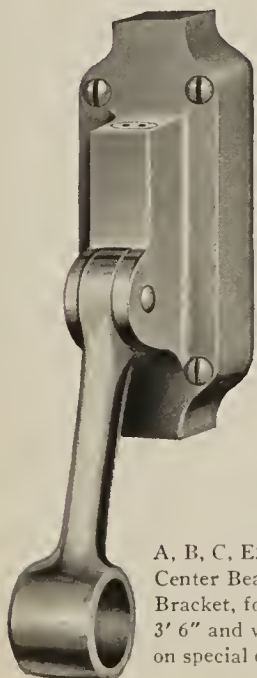
No. 50



No. 49—3 1/2" Pittsburgh Ex.
No. 59—3 1/2" Pittsburgh Ex.
No. 6559—3 1/2" Pittsburgh Ex.



No. 50A
3 1/2" Extension



No. 276

A, B, C, E2, H, K, J
Center Bearing
Bracket, for doors
3' 6" and wider,
on special orders only

In ordering specify type of device for which the dog hook is required. Types A, B, C, E2, H, K have dogging features on both ends of cross bar as standard equipment. Dog hooks are not required.

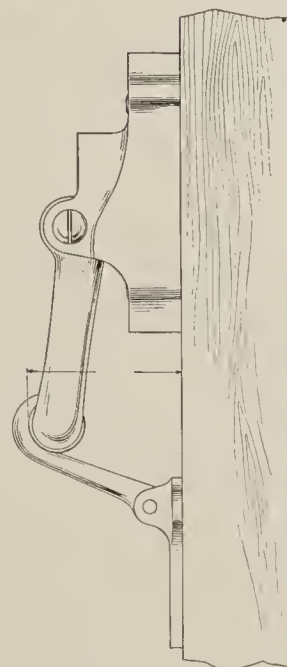
Types F and J can be furnished with dogging feature at end of cross bar at extra charge. See devices for further information.

We do not furnish padlocks with dogs No. 50 and No. 50A.

Center bearing bracket.

Bars more than 3' 6" long should have center bearing brackets.

Made in brass and bronze only.



In ordering give measurement
as indicated in dotted line



Showing Dogging Hook
Properly Applied

Von Duprin Thresholds, Strike and Buffer Cast Integral

COMBINING SYMMETRY, STRENGTH AND DURABILITY

AUTHOR'S NOTE: A suggestion for architects—Ordinarily you specify brass or bronze thresholds. Added to this is the price of bottom strikes, which generally are either omitted by the contractor (because of the tedious work required to apply). *Result: An unsatisfactory installation—and condemnation of panic bolts.* When ordinary thresholds are furnished by others, the same are not delivered until after panic bolts are applied, then, in the frenzy to complete the job, thresholds are crammed in any way to get through. If VON DUPRIN thresholds are furnished with VON DUPRIN panic bolts, they are *delivered in one shipment*—RESULTING IN A GOOD INSTALLATION.

Thresholds shown below properly executed by us cost very

little, if any, more, and PRODUCE A HIGHLY SATISFACTORY INSTALLATION.

"Specify VON DUPRIN thresholds and BOTTOM STRIKES AND BUFFERS CAST INTEGRAL." Furnished with 2" No. 14 brass screws and expansions complete. Screw holes drilled in center and intermediate locations as indicated, and 3" from each end.

Ordinary three-way thresholds $\frac{5}{8}$ " high, $\frac{3}{8}$ " thick top, $4\frac{1}{2}$ " for $1\frac{3}{4}$ " door, 5" for $2\frac{1}{4}$ " door.

Flat thresholds $\frac{1}{4}$ " high, $\frac{1}{4}$ " thick top, $4\frac{1}{2}$ " for $1\frac{3}{4}$ " door, 5" for $2\frac{1}{4}$ " door.

Rabbeted three-way thresholds $\frac{3}{8}$ " high, $\frac{3}{8}$ " thick top, $4\frac{1}{2}$ " for $1\frac{3}{4}$ " door, 5" for $2\frac{1}{4}$ " door.



Fig. 2362—Three-Way (Old 274)



Fig. 2363—Three-Way (Old 275)

Figs. 2362, 2363, for vertical rod device on standing door and mortise lock on active door

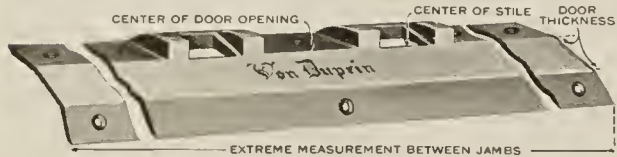


Fig. 2364—Three-Way (Old 276)

For vertical rod devices, both doors

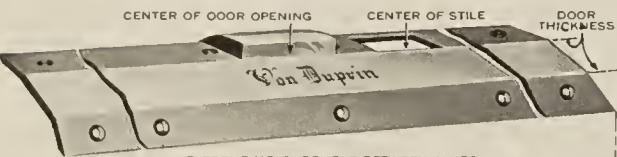


Fig. 2372—Three-Way

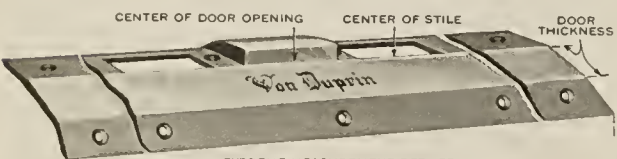


Fig. 2373—Three-Way

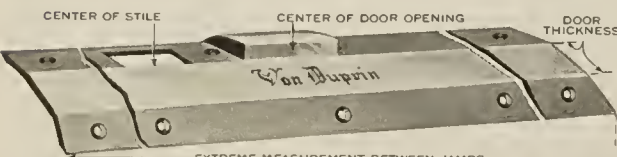


Fig. 2374—Three-Way

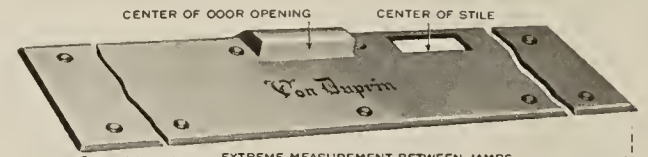


Fig. 2382—Flat Sill

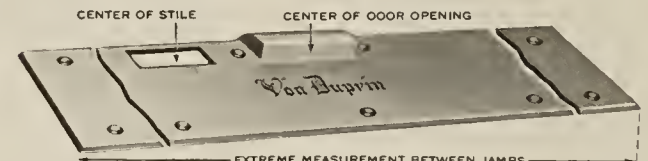


Fig. 2383—Flat Sill



Fig. 2384—Flat Sill

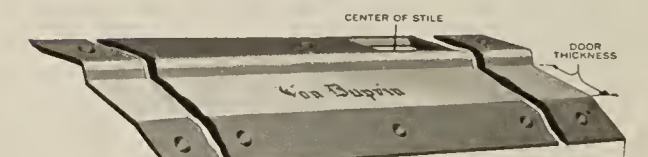


Fig. 2392

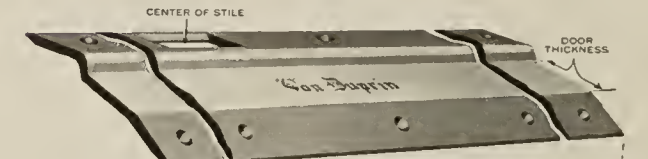


Fig. 2393

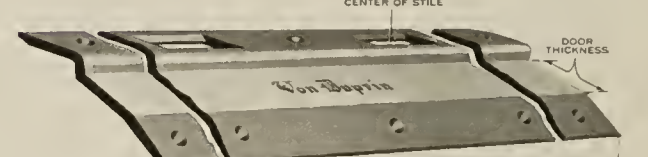
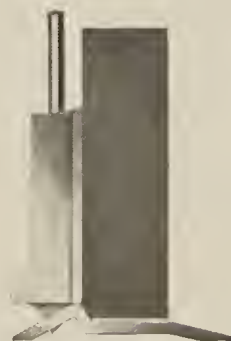


Fig. 2394



For Thresholds No. 2392, 2393, 2394

Section through threshold showing latch in position

Brass or Bronze Only

When ordering specify—(1) Extreme measurement between jambs. (2) Indicate center of door. (3) Give measurement from center of door to center of stile.

Unpolished, wheeled, brush brass, and polished brass or bronze.

IMPORTANT NOTICE: Unless the word "VON DUPRIN" appears on the thresholds, we are not responsible for the improper operation of the unit.

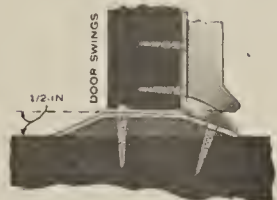
Can also furnish any of above patterns with ribbed surfaces. At center all plates are smooth.

Von Duprin Standard Sill or Threshold Strikes

For Vertical Rod Devices

All Cast Brass or Bronze

NOTE: In ordering study sill conditions carefully. Order the proper strike, state material to which strike will be made fast—thus: wood, stone, concrete, iron, etc., etc. Where expansions are required, same are in our equipment.



Use Strike, Fig. 251L

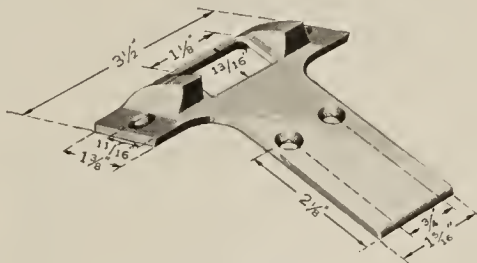


Fig. 251L, Single

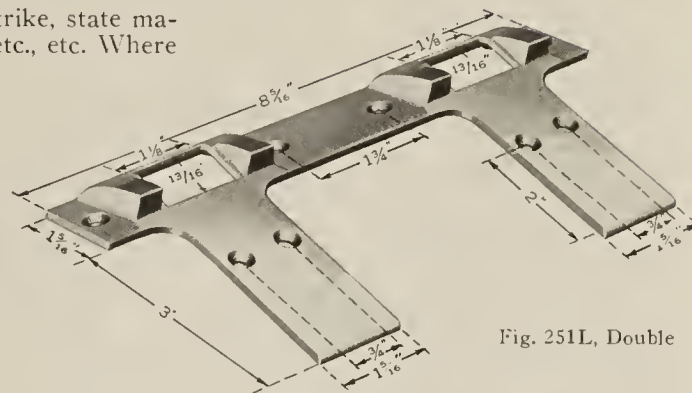
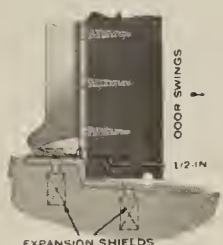


Fig. 251L, Double



Use Strike, Fig. 252L

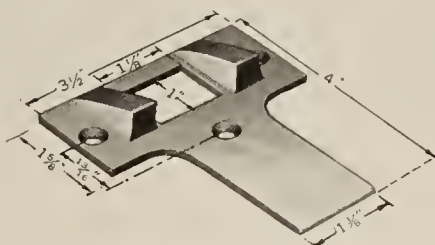


Fig. 252L, Single

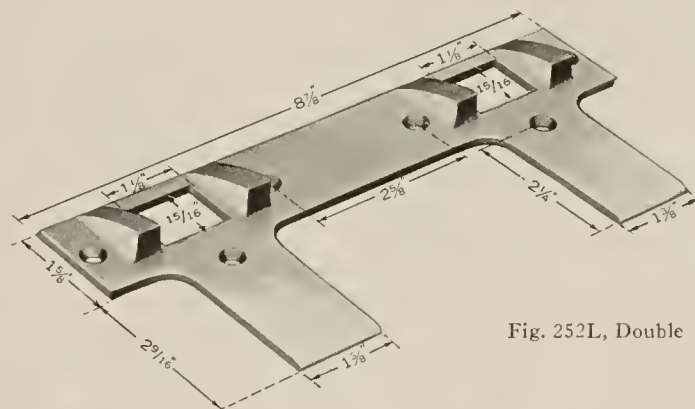
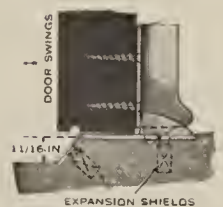


Fig. 252L, Double



Use Strike, Fig. 253L

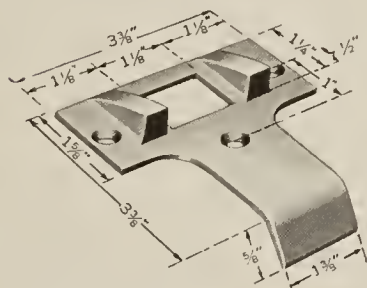
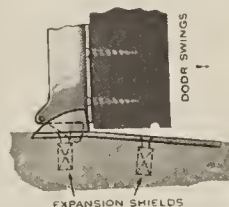


Fig. 253L, Single



Use Strike, Fig. 254L

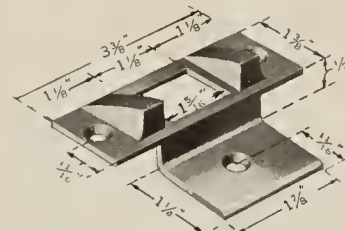
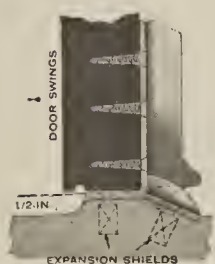


Fig. 254L, Single



Use Strike, Fig. 255L

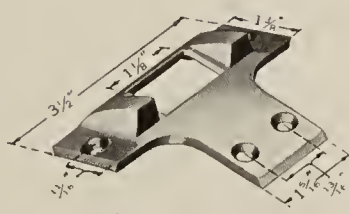
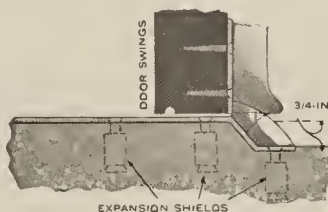


Fig. 255L, Single



Use Strike, Fig. 256L, Toledo

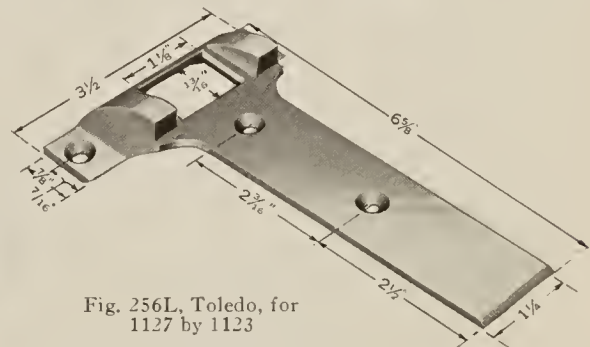
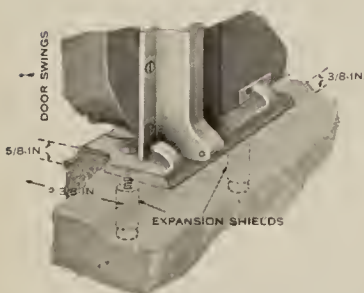


Fig. 256L, Toledo, for 1127 by 1123



Use Strike, Fig. 257L, Buffalo

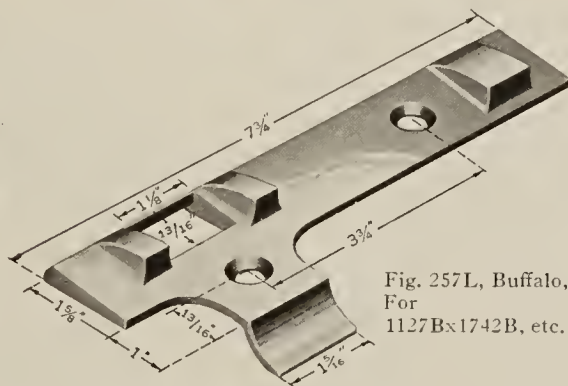


Fig. 257L, Buffalo, For 1127B x 1742B, etc.

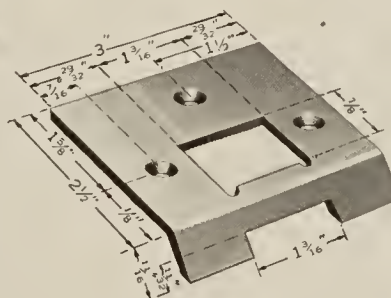


Fig. 241L, St. Louis

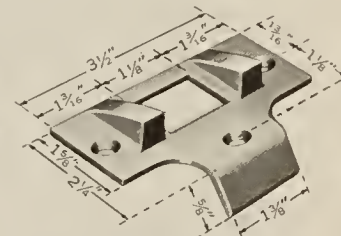
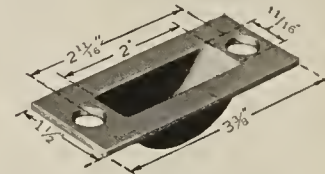
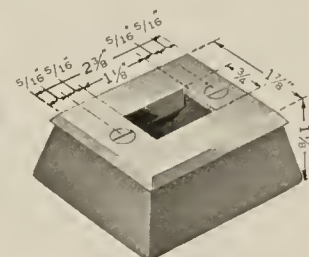
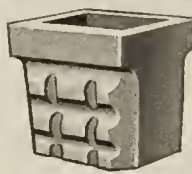
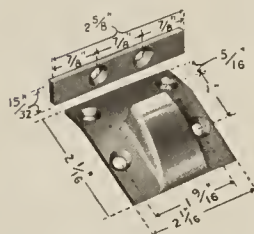
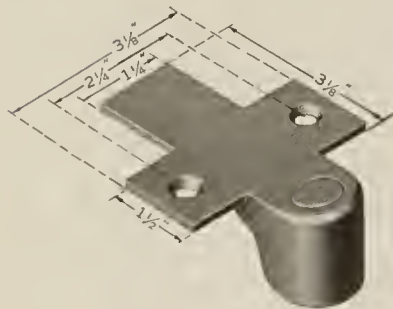
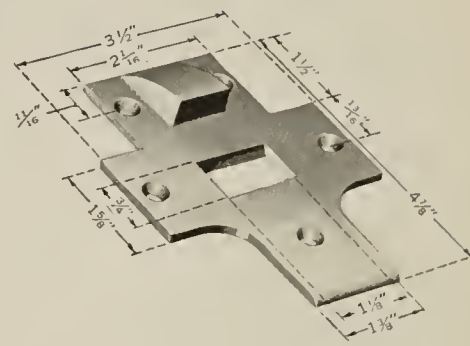
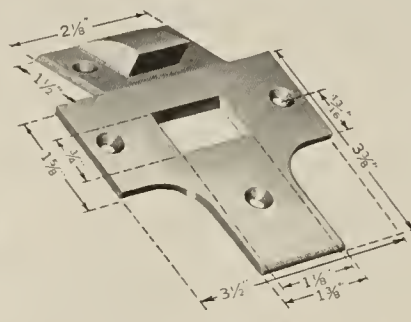
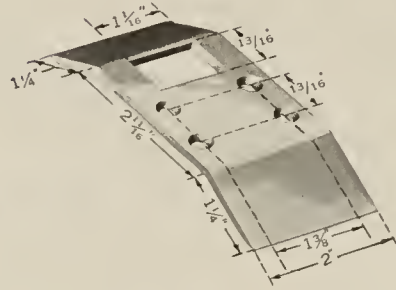
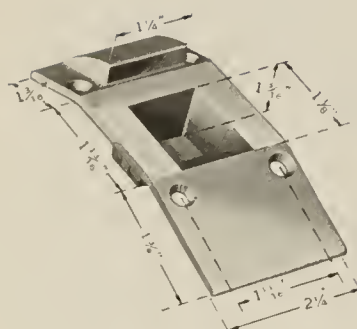


Fig. 213L, Ittner

Figure	For Devices
213L Ittner.....	1123B, 1127B, 6123C, 6127C, 5127D, 2123K, 2127K.
241L.....	St. Louis.
251L.....	1123B, 1127B, 6123C, 6127C, 5127D, 3127E2, 4127J, 8127H, LR1127B, LR6127C, LR3127E2, LR4127J, 2123K, 2127K, LR8127H.
252L.....	Same as 251L.

Figure	For Devices
253L.....	Same as 251L.
254L.....	Same as 251L.
255L.....	Same as 251L.
256L.....	Same as 251L.
257L.....	1127 x 1724.

All Cast Brass or Bronze, Except Where Specifically Stated Otherwise



All Cast Brass or Bronze

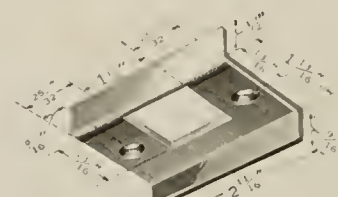
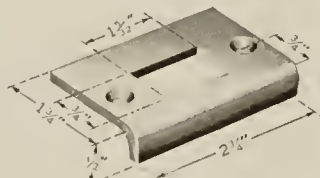
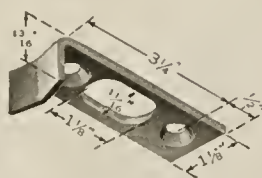
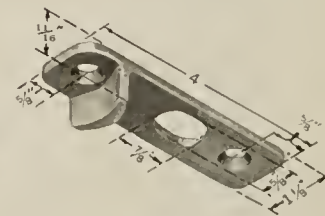
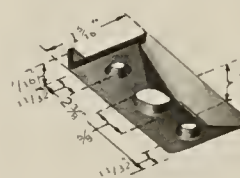
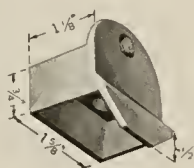
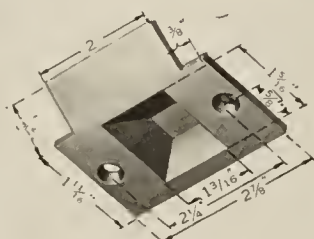
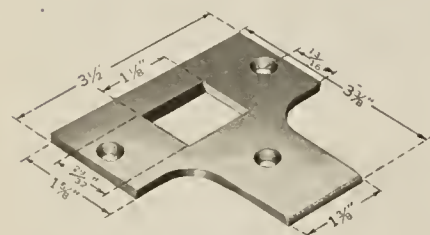
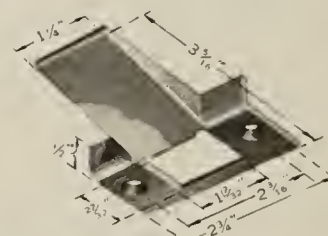
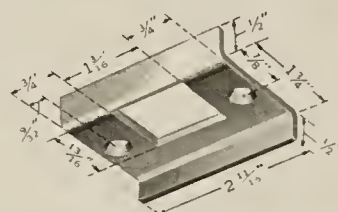
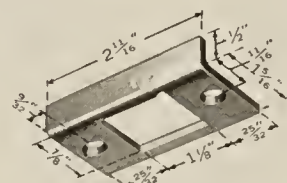
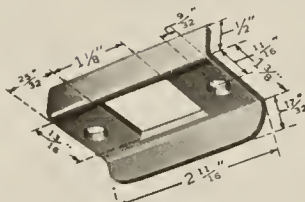
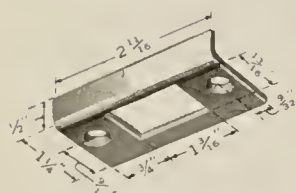
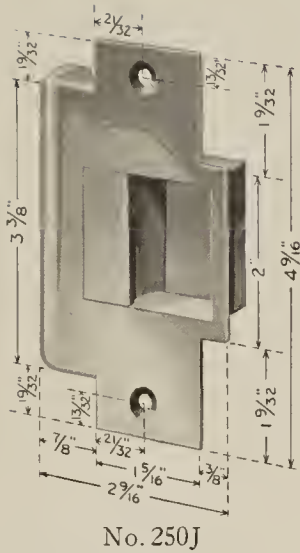


Figure	For Devices
273U Upper strike.....	1127B, 2127K, 5127D, 6127C.
281U Upper strike.....	8127H, 4127J, 3127E2.
285U Upper strike.....	1272P, 1227P, 1372P, 1327P, concealed.
286U Upper strike.....	LR8127H, LR4127J, LR3127E2.
287U Upper strike.....	1272P, 1227P, 1372P, 1327P, concealed.
288U Upper strike.....	LR1272P, 1227P, 1372P, 1327P, concealed.
289LU Lower strike.....	1627R, 1623R, Duquesne top or bottom.
291U Upper strike.....	Iron. 34Q, T34Q.
292L Lower strike.....	1272P, 1227P, concealed.
293L Lower strike.....	1272P, 1227P, concealed.
295U Upper strike.....	Iron. 9127F.

No. 250J Von Duprin *Patented* Collapsible Strike

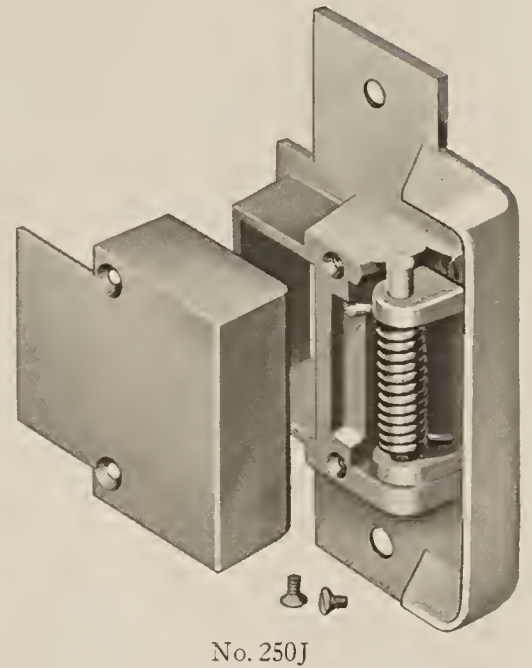
Single Entrance Doors Equipped with VON DUPRIN Cylinder Locks

Regular Equipment for Type "B" VON DUPRIN Devices



FEATURES

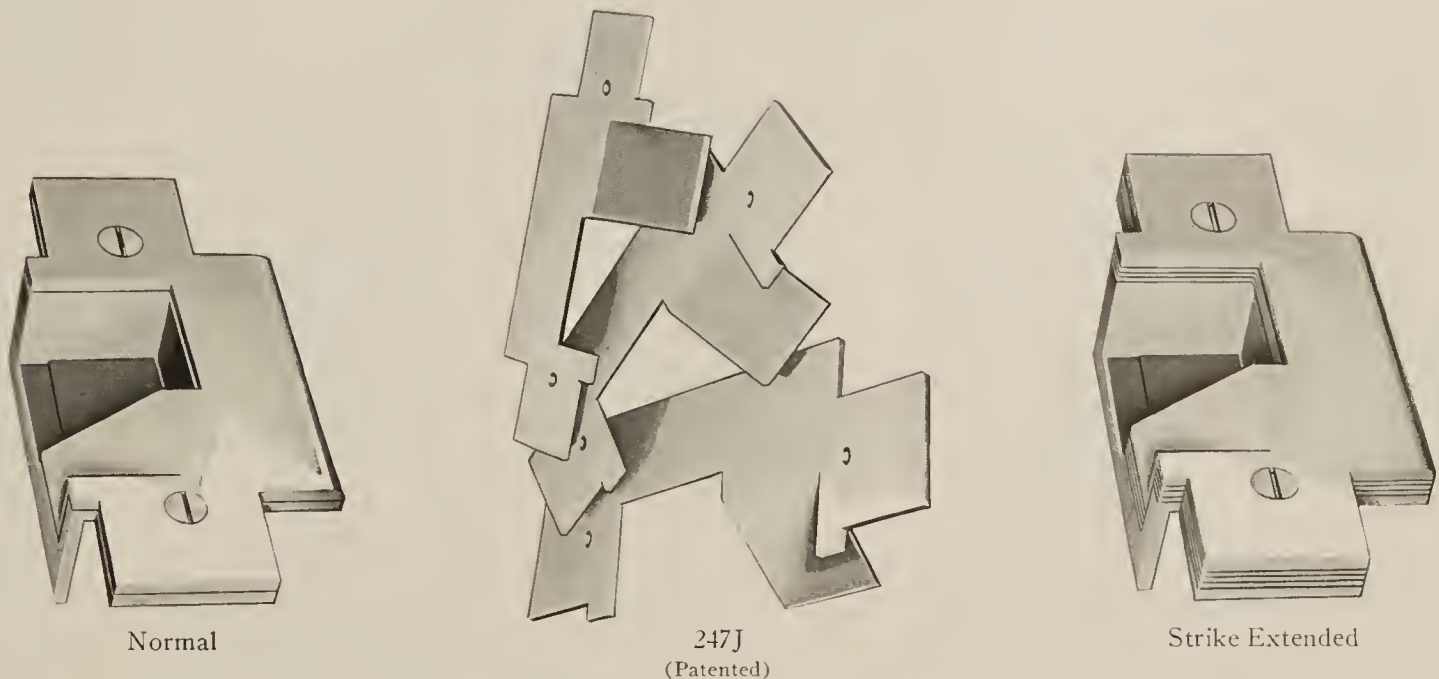
No. 250J *Patented Collapsible Strike for Single Door Devices*—With dead pressure against bottom of door (as in case of bodies piled against the bottom of door) ordinary strikes act as friction points, making undue resistance in the withdrawal of latch bolts. With this improved method each consecutive pressure against cross bar will withdraw latch bolt to point 1/4" from front edge, then strike collapses owing to undue pressure against door. This, with the special VON DUPRIN creeping latch bolt, eliminates all danger of sticking.



No. 247J Von Duprin *Patented* Adjustable Strike

For Double Entrance Doors

Featured to eliminate shrunken door troubles. The custodian of the building can keep his locks adjusted as the seasons (dry or wet) change. FURNISHED AS REGULAR EQUIPMENT WITH TYPE "B" VON DUPRIN DEVICES.



Shims not furnished by us (can be made of cardboard). A full 1/2" extension can be made.

Von Duprin Jamb Strikes for Single Doors

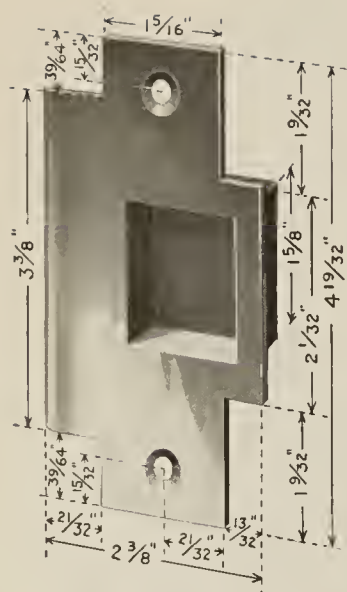


Fig. 244J

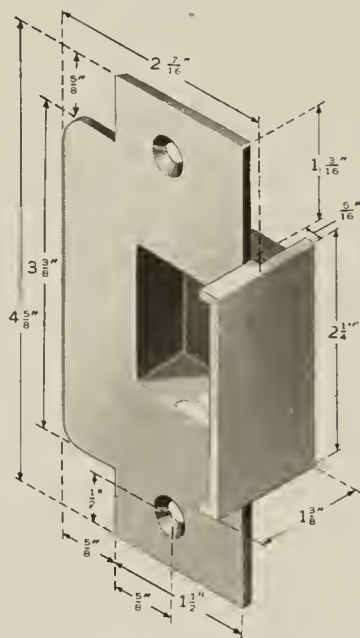


Fig. 246J, 1 3/4" Hamilton

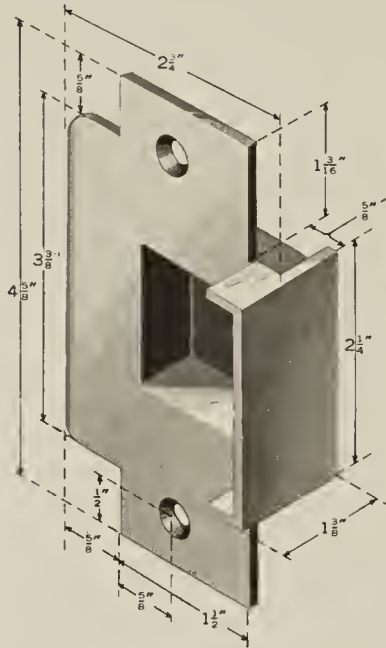


Fig. 246J, 2 1/4" Hamilton

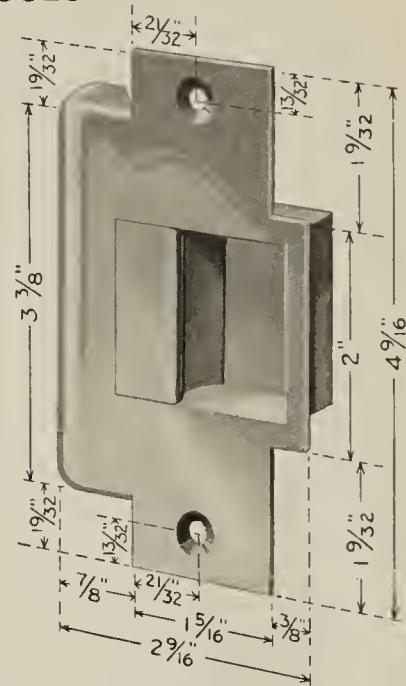


Fig. 250J, Collapsible

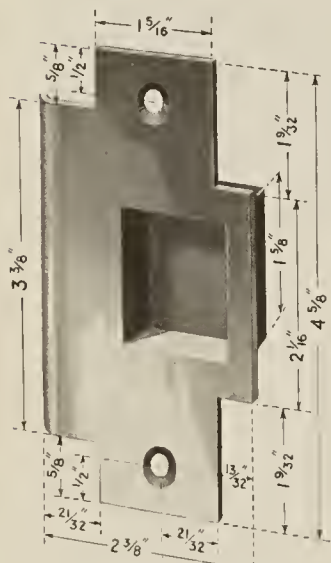


Fig. RD244J, Flushing

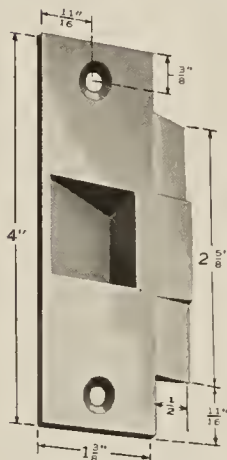


Fig. 307J, 2 1/4"

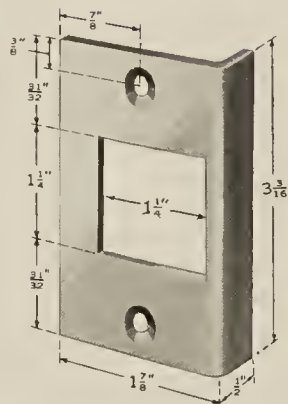


Fig. 249J

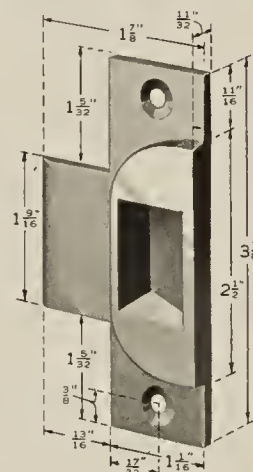


Fig. 229RJ

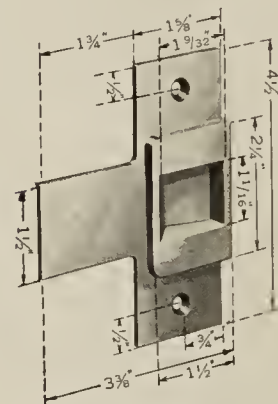


Fig. 235J

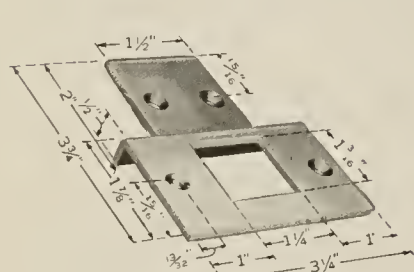


Fig. 296J, for 1 3/4" Door

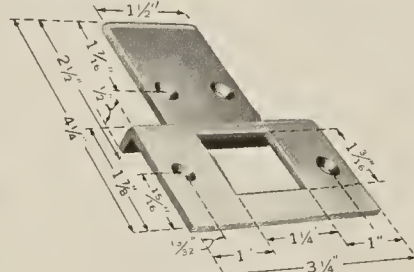


Fig. 297J, 2 1/4" Door

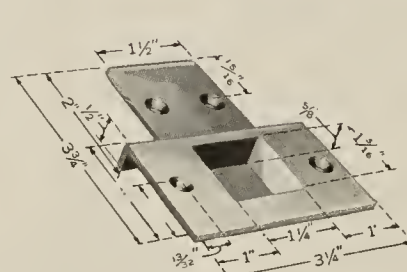


Fig. 304J, for 1 3/4" Door, Box Strike

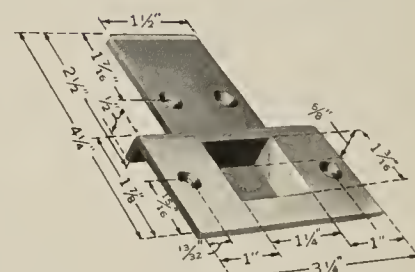


Fig. 305J, 2 1/4" Door, Box Strike



Fig. 283J

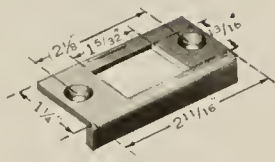


Fig. 277J

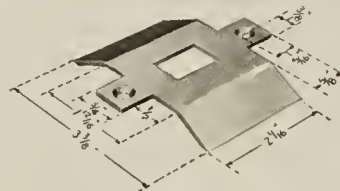


Fig. 236J

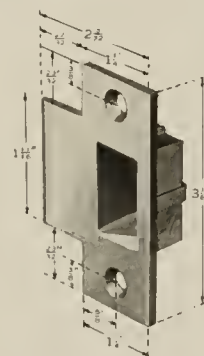


Fig. 227J, Box Strike

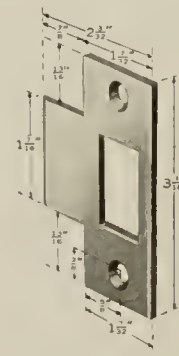


Fig. 226J

Figure	For Locks or Latches Number
226J.....	26 and 29 latches.
227J.....	26 and 29 latches.
229RJ.....	29 1/2 and 29R latches.
235J.....	NL1325A, 1328A devices.
236J.....	9147N device.
244J.....	22, 23, 24, 25, BK22, BK24 locks.
RD244J.....	Flushing.
246J "Hamilton".....	22, 23, 24, 25, BK22, BK24 locks.
249J.....	1025A, NL1025A, 1026A, NL1026A, 1028A, 1225A, NL1225A, 1228A devices.

Figure	For Locks or Latches Number
250J.....	22, 23, 24, 25, BK22, BK24.
277J.....	1125A, NL1125A, 1128A.
283J.....	Horizontal bolt, 34Q, T34Q.
296J.....	1025A, 1026A, NL1025A, NL1026A, 1028A, 1225A, NL1225A.
297J.....	1025A, 1026A, NL1025A, NL1026A, 1028A, 1225A, NL1225A, 1228A.
304J.....	1025A, 1026A, NL1025A, NL1026A, 1028A, 1225A, NL1225A, 1228A.
305J.....	1225A, NL1225A, 1228A.
307J.....	30 latch.

Von Duprin Jamb Strikes for Double Doors

For Cylinder Locks 22, 23, 24, NL24, 25, NL25

All Brass or Bronze

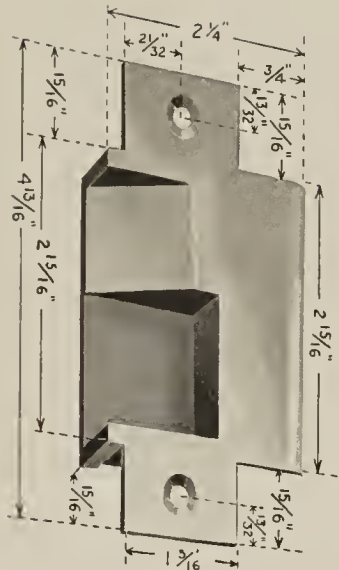


Fig. 245J, 1 3/4" Door, LHRB

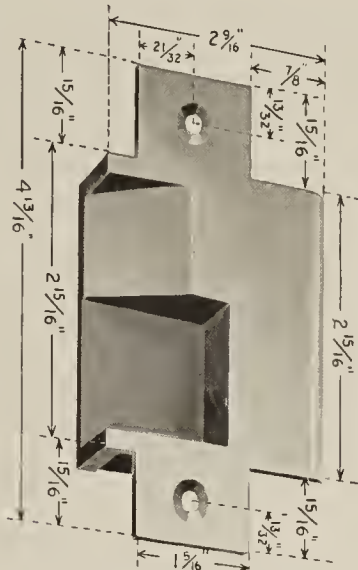


Fig. 245JA, 2" Door, LHRB

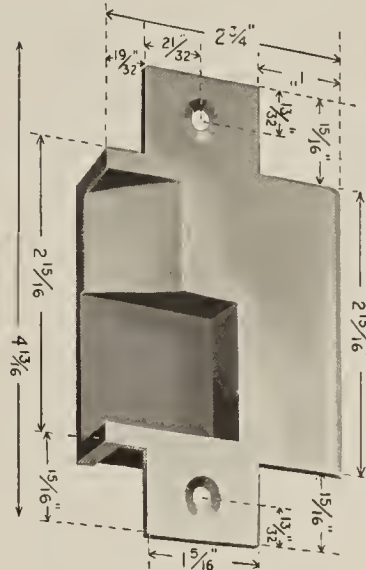


Fig. 245JB, 2 1/4" Door, LHRB

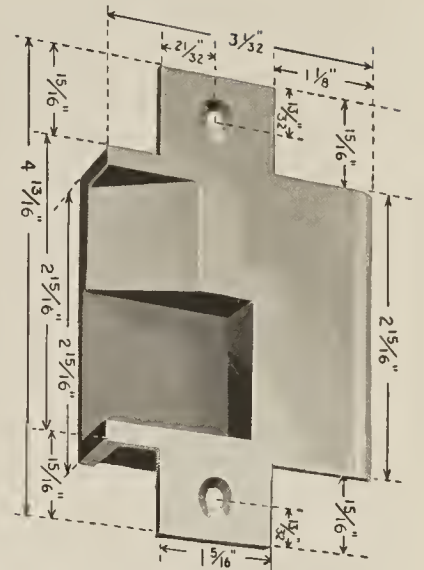


Fig. 245JC, 2 1/2" Door, LHRB

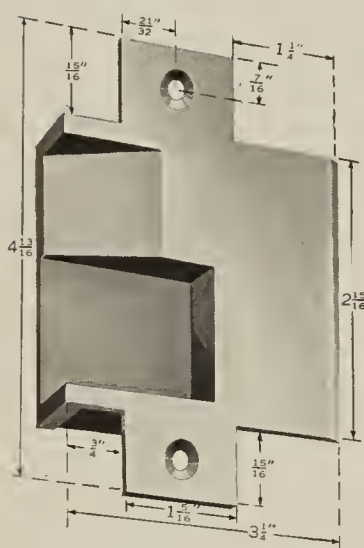


Fig. 245JD, 2 3/4" Door, LHRB

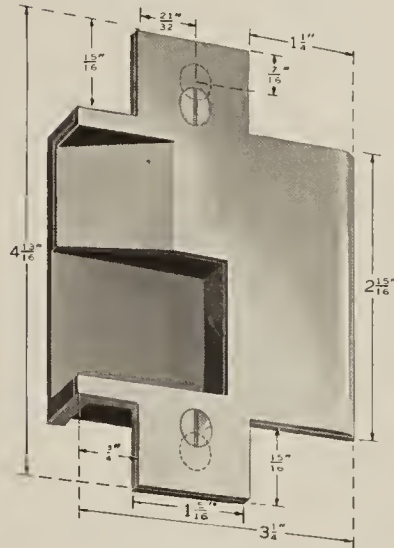


Fig. 247JD, Adjustable, LHRB

NOTE: Adjustable strikes shown on page have same measurements. Numbers as follows:

Fig. 247J, 1 3/4" Door
Fig. 247JA, 2" Door
Fig. 247JB, 2 1/4" Door
Fig. 247JC, 2 1/2" Door

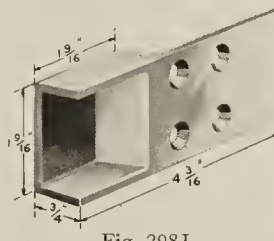


Fig. 298J

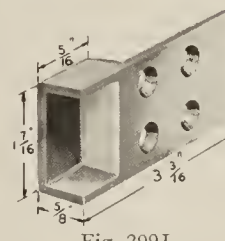


Fig. 299J

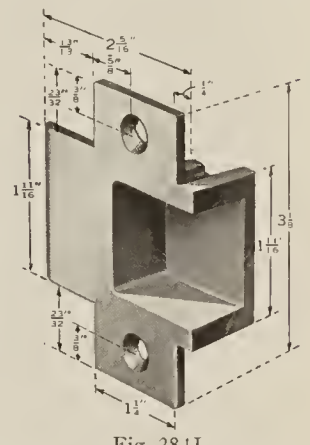


Fig. 284J

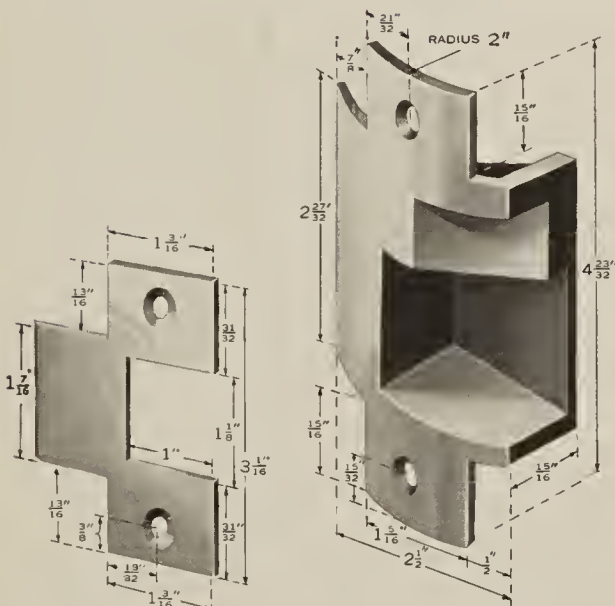


Fig. 229-1/2J

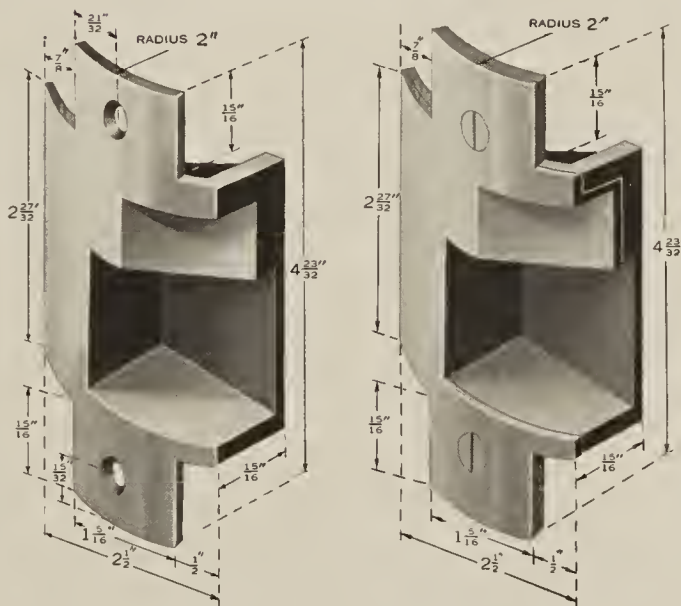


Fig. RD245J, Round

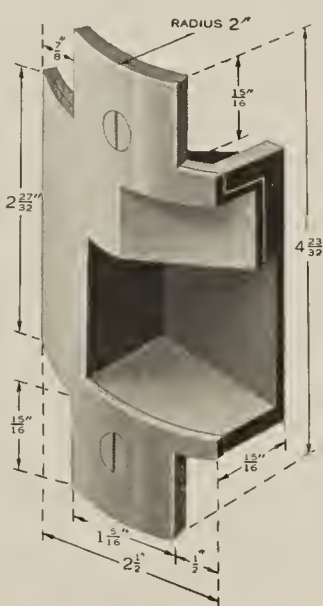


Fig. RD247J, Round

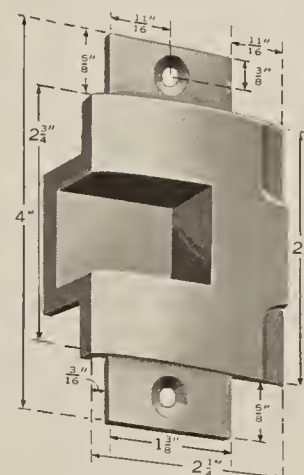


Fig. 294J, 1 3/4" Door

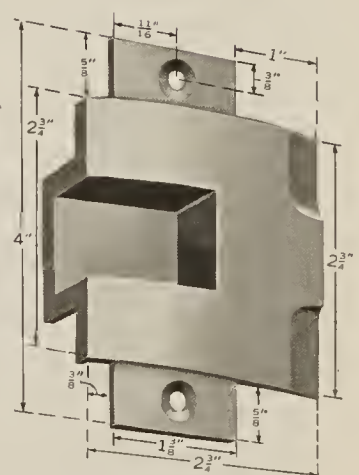
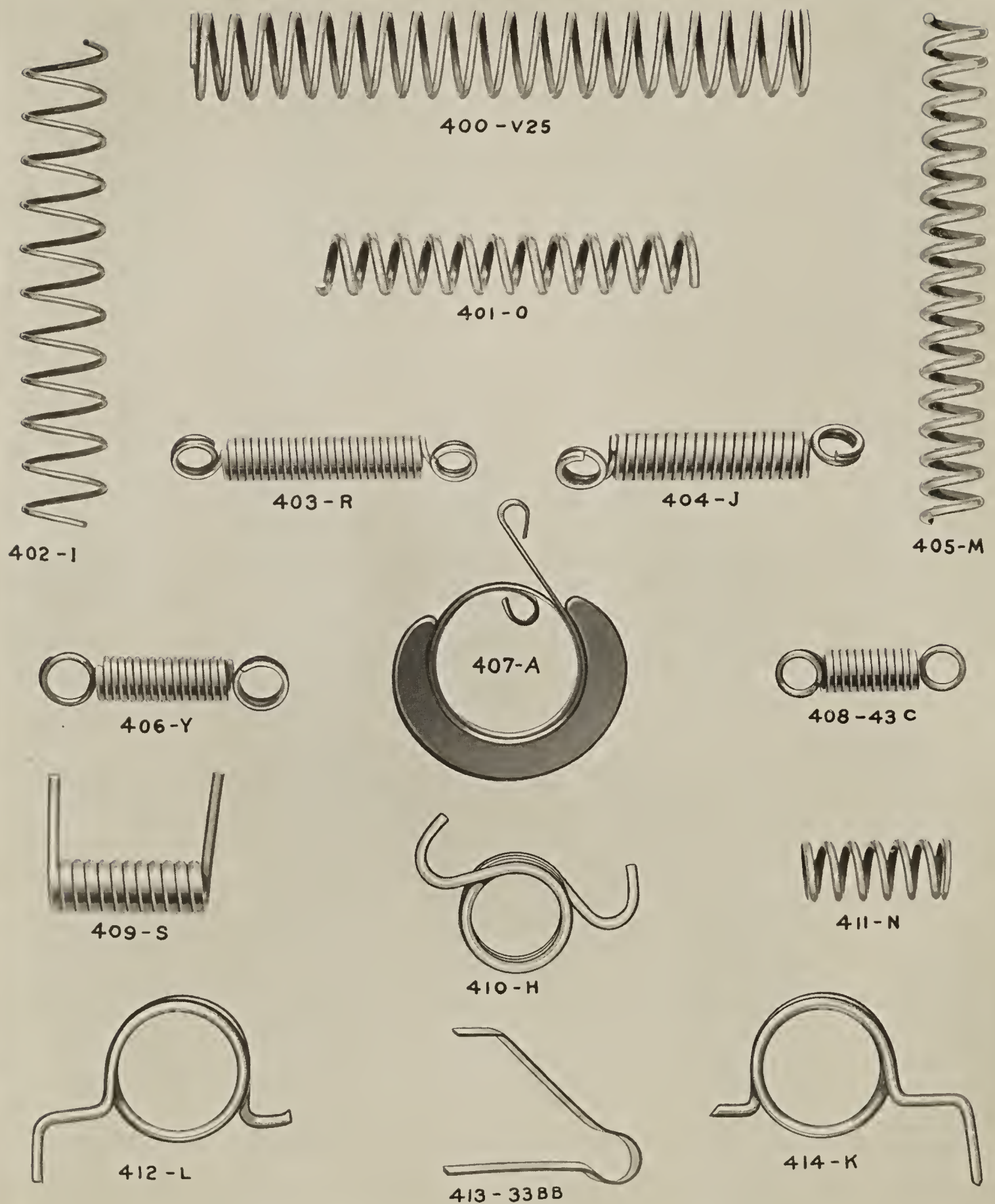


Fig. 294J, 2 1/4" Door

Figure	For Locks or Latches Number
229-1/2J	26K and 29.
245J	22, 23, 24, 25, BK22, NL22, NL24. We have pattern for 2 7/8" door.
245JA	
245JB	
245JC	
245JD	RD245J Radius face. 22, 23, 24, 25, BK22 locks. Radius 1 1/4" is 2"; for 2 1/4" is 4 1/2".
RD245J	
247J	22, 23, 24, 25, BK22, NL22, NL24.
247JA	

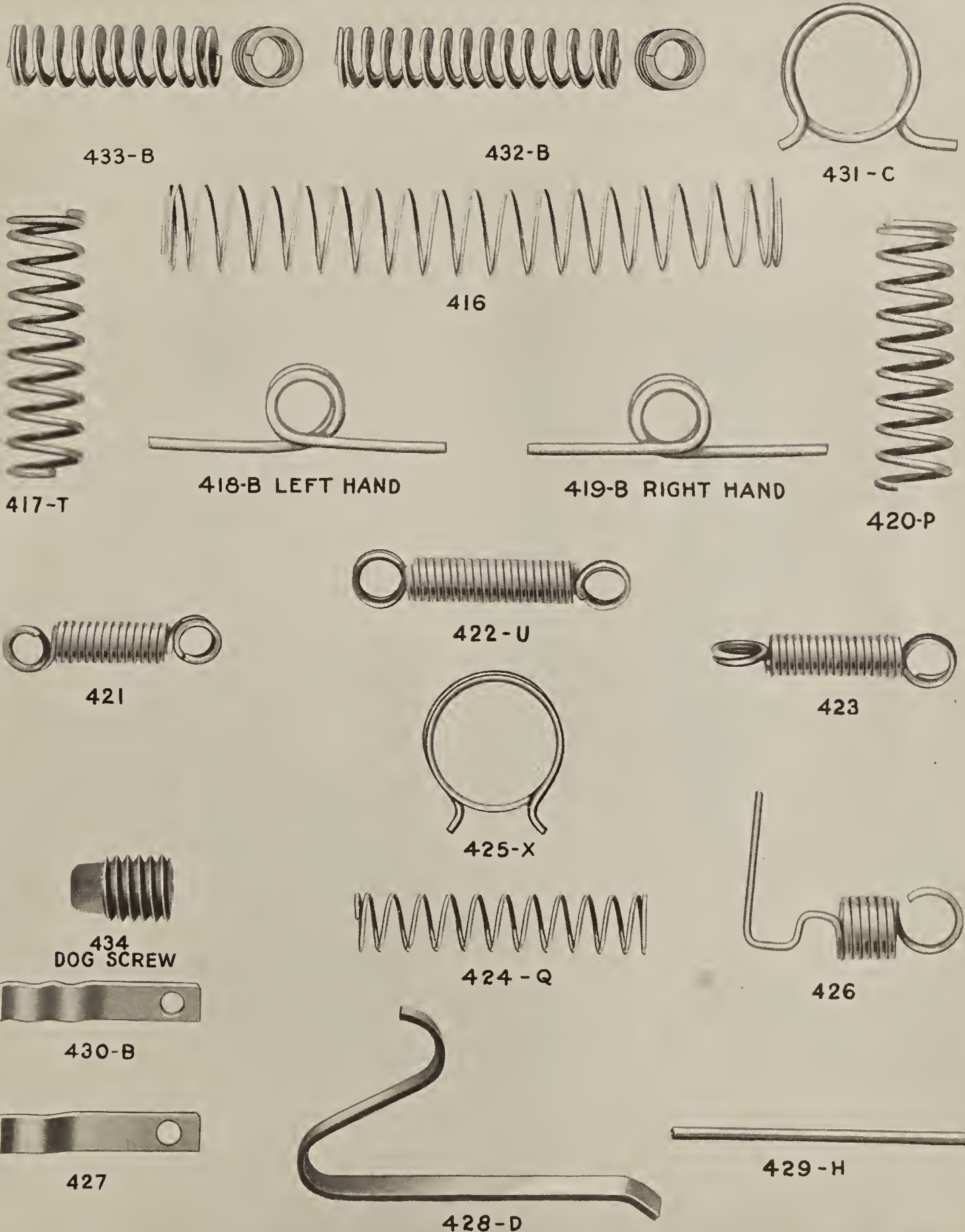
Figure	For Locks or Latches Number
247JB	22, 23, 24, 25, BK22, NL22, NL24.
247JC	
247JD	
RD247J	
RD247J	Radius face. 22, 23, 24, 25, BK22 locks. Radius for 1 3/4" door is 2"; for 2 1/4" is 4 1/2".
284J	
294J	1 3/4" for lock 30.
294J	2 1/4" for lock 30.
298J	1025A, 1026A, 1225A.
299J	1125A, NL1125A, 1128A.

Von Duprin Springs—Full Size



No. 409S Collapsible Strike Spring—Balance for Obsolete Devices

Springs for Von Duprin Devices

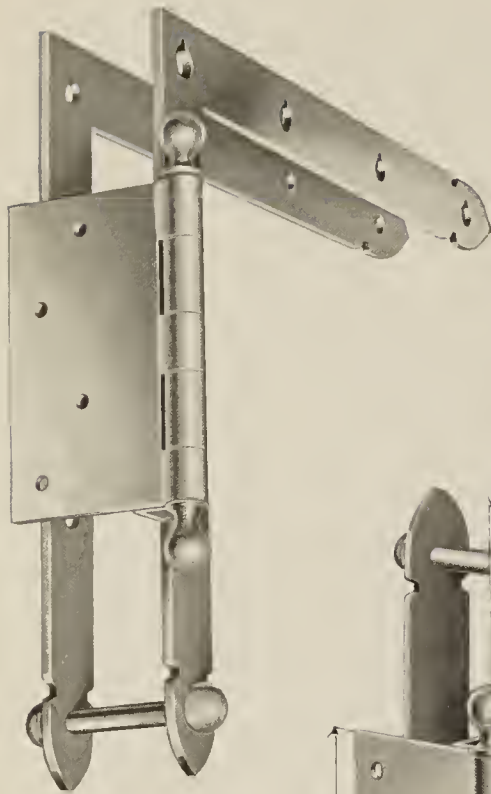


No. 432. Phosphor Bronze Compression Flat Wire Springs for A, B, C, E2, H, K 1928
Rim and Mortise Lock Type Devices

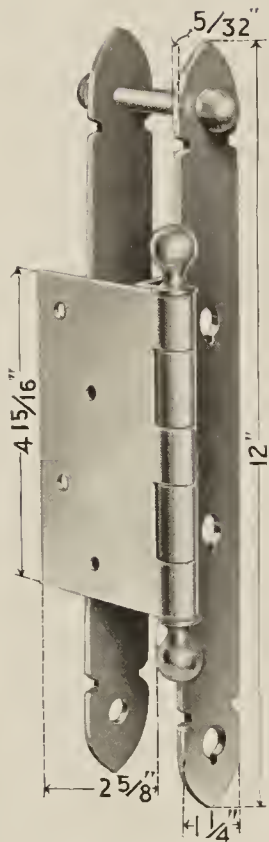
No. 433. Phosphor Bronze Compression Flat Wire Springs for 1225Ax1125A and Types B and C Vertical Rod Devices
Balance for Obsolete Devices

No. 91 J. M. Special School House Hinge Set

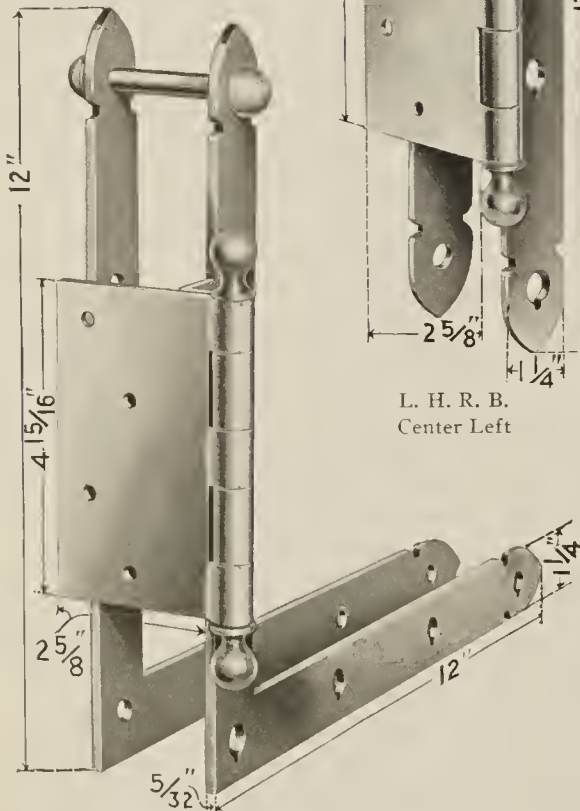
Bolted through the door and plates on both sides of the door. Keep the doors from going in to wind insuring a perfect working door at all times. Made in all brass or bronze only.



L. H. R. B.
Top



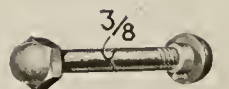
L. H. R. B.
Center Left



L. H. R. B.
Bottom



STEEL
BUSHING



Brass Bolt
Used for Hinged Plates

PHANTOM VIEW, SHOWING THE HINGES IN POSITION

Hinge plates are $\frac{5}{16}$ " thick. Butt has five knuckles, steel bushed.
Door equipped with VON DUPRIN devices and a good door check, uninterrupted service is certain for each.
No. 91U top with $\frac{3}{8}$ " bolts, special round heads.
No. 91C center with $\frac{3}{8}$ " bolts, special round heads.
No. 91B bottom with $\frac{3}{8}$ " bolts, special round heads.

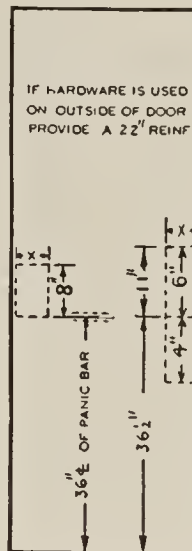
Specify Hand Wanted. Always Reverse Bevel

Type "A" Metal Door Information

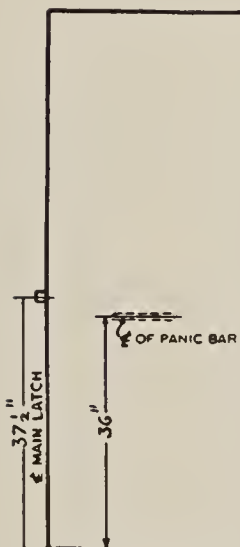
REINFORCING MEMBER CHART AND LOCK AND LATCH POSITION CHART

For Devices Shown on Pages 9 to 13, Inclusive

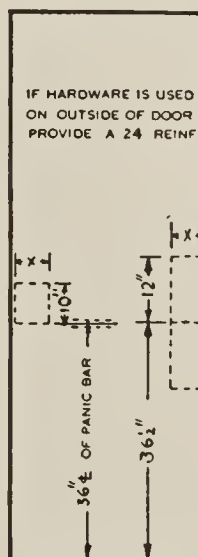
All Measurements Given Are Taken from Bottom of DOOR



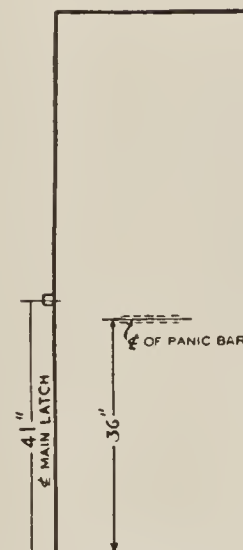
SIZE OF REINF. REQUIRED
FOR VON DUPRIN DEVICES
NOS. 1225A - NL1225A - 1228A
1125A - NL1125A - 1128A



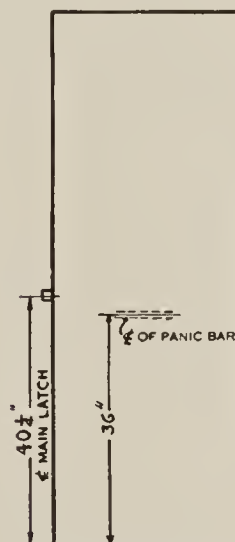
POSITION OF LATCH AND PANIC BAR
FOR VON DUPRIN DEVICES
NOS. 1025A - NL1025A - 1028A
1026A - NL1026A



SIZE OF REINF. REQUIRED
FOR VON DUPRIN DEVICES
NOS. 1025A - NL1025A - 1028A - 1026A
NL1026A - NL1325A



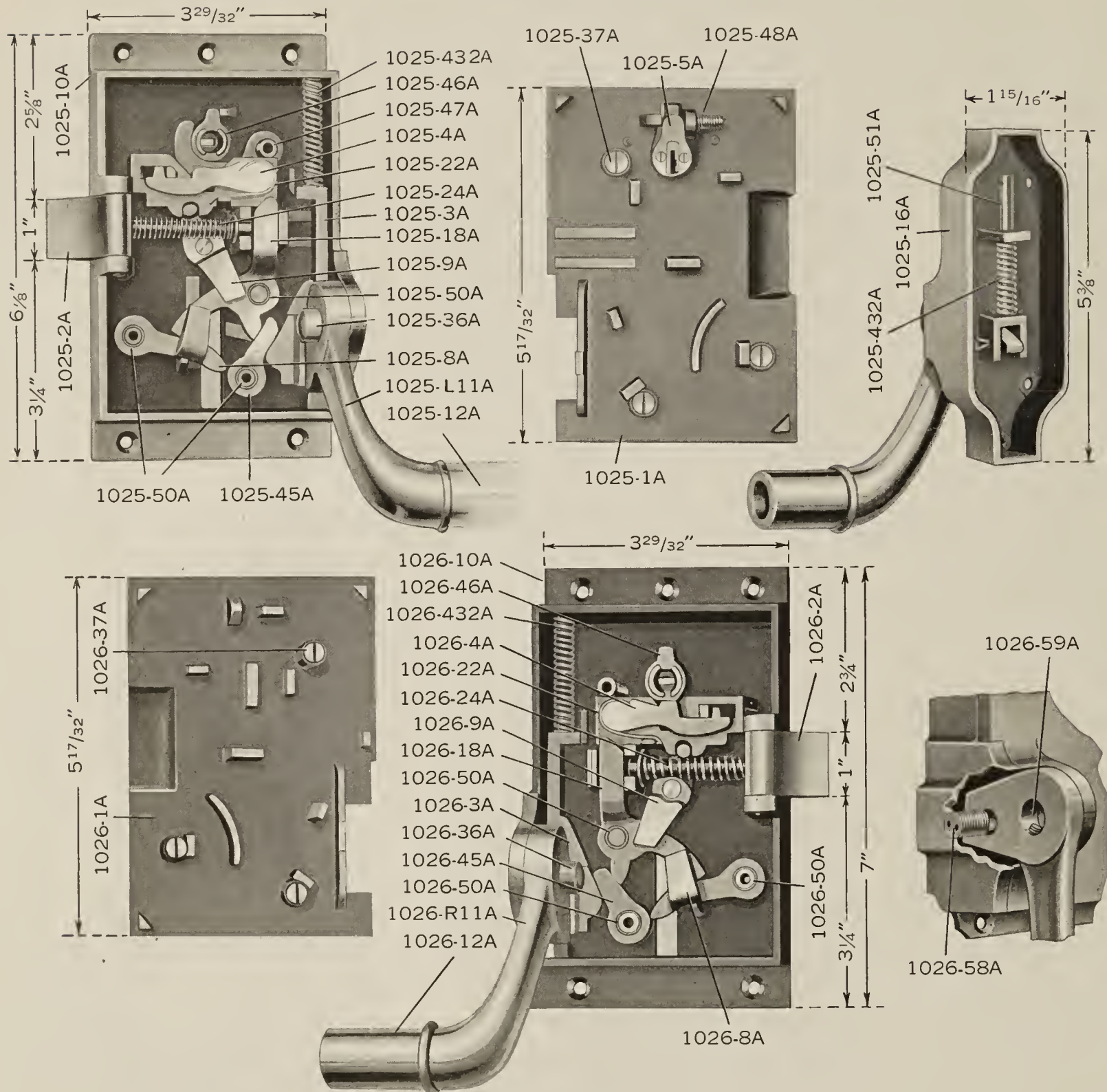
POSITION OF LATCH BOLT AND
PANIC BAR VON DUPRIN DEVICES
NOS. NL1325A - 1328A



POSITION OF LATCH AND PANIC BAR
FOR VON DUPRIN DEVICES
NOS. 1025A - NL1025A - 1028A
1026A - NL1026A

Nos. 1025 and 1026 Bulldog Type "A" Functioning Member Charts

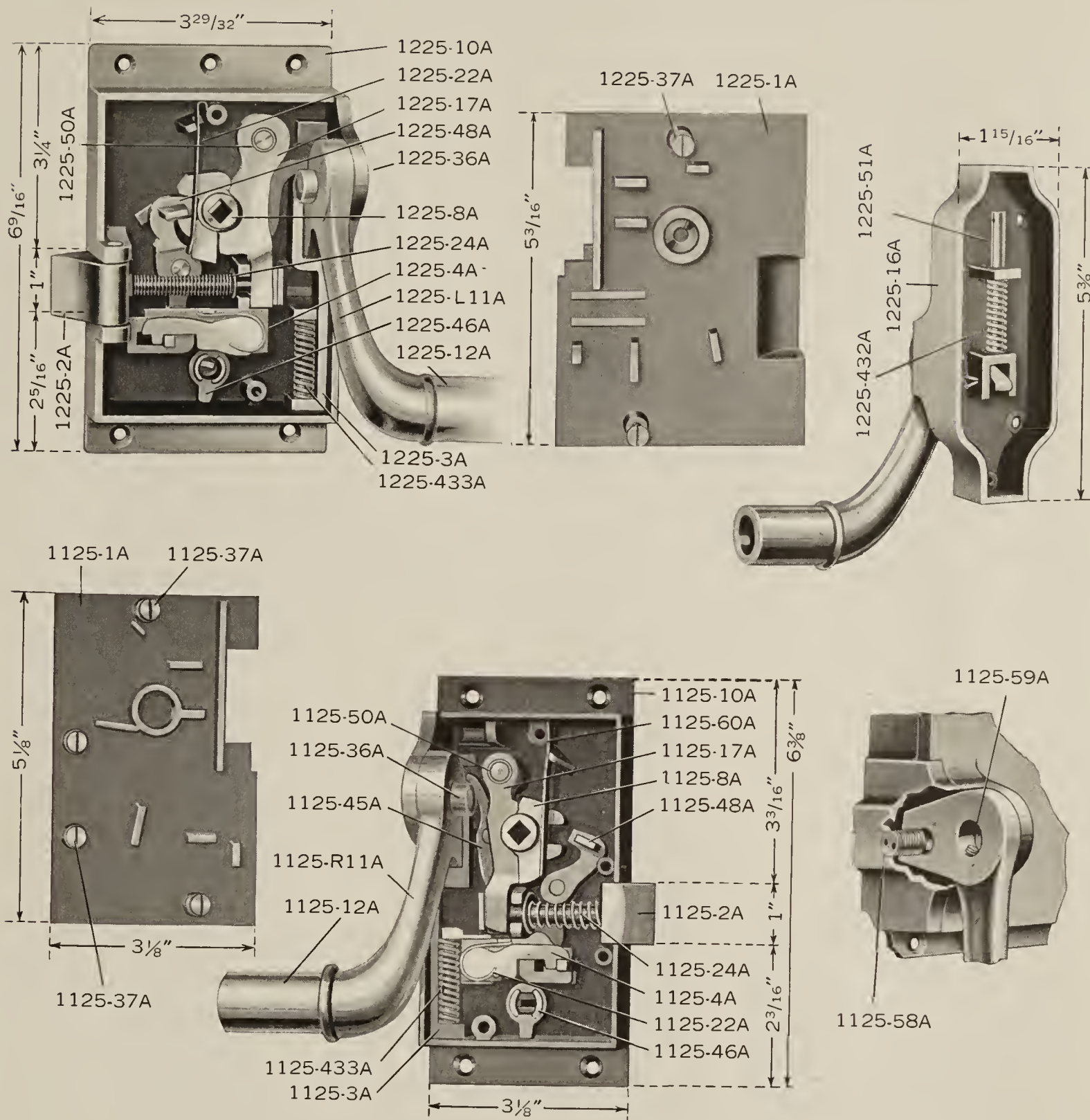
For Devices Shown on Pages 9 to 13, Inclusive



1025		1026			
1025-1A	Cap	1025-45A	Eccentric Arm	1026-10A	Case
1025-2A	Latch Bolt	1025-46A	Finger and Disc	1026-R11A	Right Lever Arm
1025-3A	Lift Arm	1025-47A	Master Control Lever	1026-12A	1" Cross Bar, 16-Gauge Brass
1025-4A	Tumbler and Dog	1025-48A	Cylinder Anchor Screw	1026-16A	Case
1025-5A	Cam (Cylinder)	1025-49A	Case-hardened Steel Bushing	1026-18A	Lever Latch Control Arm
1025-8A	Compensating Lift	1025-50A	Case-Hardened Steel Bushing	1026-22A	Spring (Band)
1025-9A	Thumbpiece Dog	1025-51A	Spring Guide	1026-24A	Spring (Compression)
1025-10A	Case	432A	Spring, see page 131	1026-36A	Axle
1025-L11A	Left Lever Arm	1025-59A	Axle Set Screw	1026-37A	Machine Screw, size 7/8"—6-32
1025-12A	1" Cross Bar, 16-Gauge Brass			1026-45A	Eccentric Arm
1025-16A	Case	1026-1A	Cap	1026-46A	Finger and Disc
1025-18A	Lever Latch Control Arm	1026-2A	Latch Bolt	1026-50A	Case-Hardened Steel Bushing
1025-22A	Spring (Band)	1026-3A	Lift Arm	1026-51A	Spring Guide
1025-24A	Spring (Compression)	1026-4A	Tumbler and Dog	1026-58A	Dogging Plug Screw
1025-36A	Axle	1026-8A	Compensating Lift	1026-59A	Axle Set Screw
1025-37A	Machine Screw, size 7/8"—6-32	1026-9A	Thumbpiece Dog	432A	Spring

Nos. 1225 and 1125 Bulldog Type "A" Functioning Member Charts

For Devices Shown on Pages 9 to 13, Inclusive



1225

1225-1A Cap
 1225-2A Latch Bolt
 1225-3A Lift Arm
 1225-4A Tumbler and Dog
 1225-8A Hub, $\frac{5}{16}$ " Spindle
 1225-10A Case
 1225-L11A Left Lever Arm
 1225-12A 1" Cross Bar, 61-Gauge Brass
 1225-16A Case
 1225-17A Lever Latch Control Arm
 1225-22A Spring (Band)
 1225-24A Spring (Compression)
 1225-36A Axle
 1225-37A Machine Screw, size $\frac{7}{8}$ "—6-32

1225-46A Disc and Cam
 1225-48A Master Control Lever
 1225-50A Steel Sleeve
 1225-51A Spring Guide
 1225-59A Axle Set Screw
 432A Spring, see page 131

1125

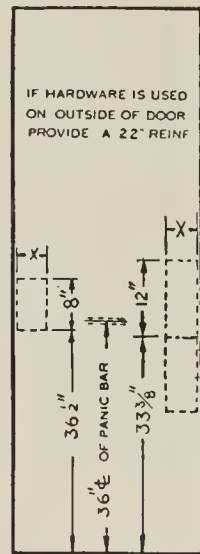
1125-1A Cap
 1125-2A Latch Bolt
 1125-3A Lift Arm
 1125-4A Tumbler and Dog
 1125-8A Hub, $\frac{5}{16}$ " Spindle
 1125-10A Case
 1125-R11A Right Lever Arm

1125-12A 1" Cross Bar, 16-Gauge Brass
 1125-17A Lever Latch Control Arm
 1125-22A Spring (Band)
 1125-24A Spring (Compression)
 1125-36A Axle
 1125-37A Machine Screw, size $\frac{7}{8}$ "—6-32
 1125-45A Eccentric Arm
 1125-46A Disc and Cam
 1125-48A Hub Control Dog
 1125-50A Steel Sleeve
 1125-51A Spring Guide
 1125-58A Dog Screw
 1125-59A Axle Screw
 1125-60A Spring

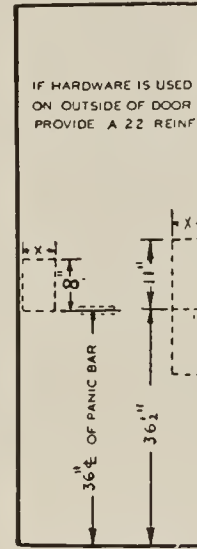
Type "B" Metal Door Information

REINFORCING MEMBER CHART AND LOCK AND LATCH POSITION CHART

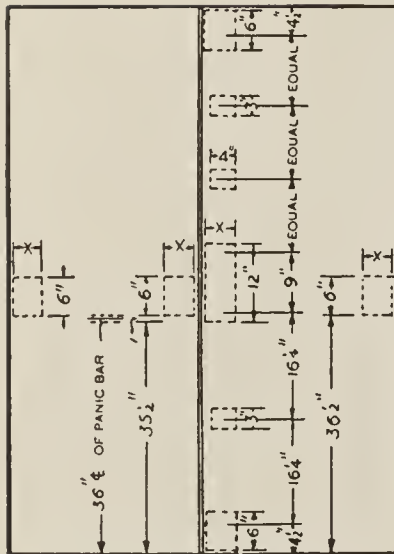
For Devices Shown on Pages 15 to 25, Inclusive
All Measurements Given Are Taken from Bottom of DOOR



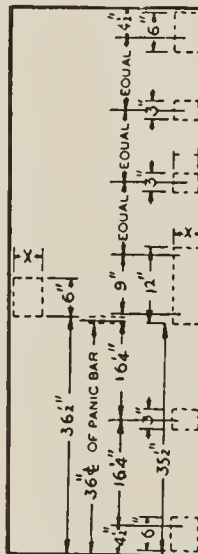
SIZE OF REINF. REQUIRED
FOR VON OUPRIN DEVICES
NOS K1126B-1129B-1129 1/2 B
1130B-1730B



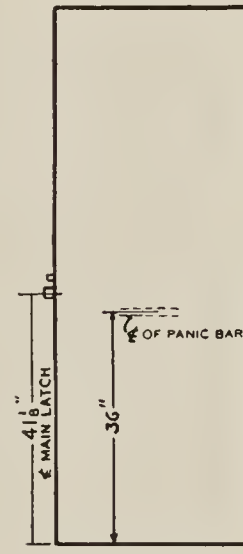
SIZE OF REINF. REQUIRED
FOR VON OUPRIN DEVICES
NOS. 1122B-1124B-1722B-1724B
NL1124B-NL1724B-NL1141B-NL1741B



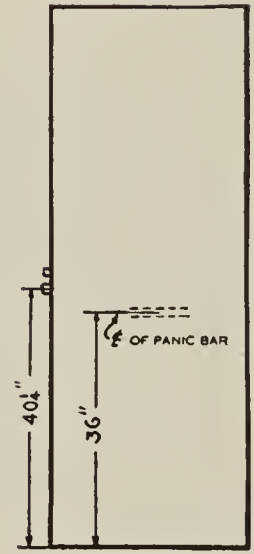
SIZE OF REINFORCEMENTS REQUIRED
FOR VON OUPRIN DEVICE
NO. 1172B



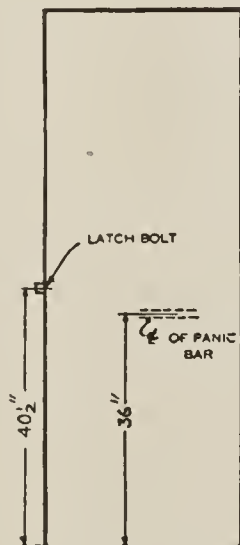
SIZE OF REINF. REQUIRED
FOR VON OUPRIN DEVICES
NOS. 1123B-1127B-1133B-1137B



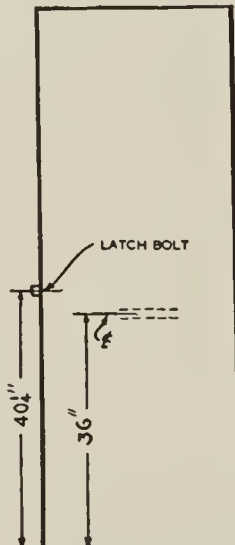
POSITION OF LATCH AND PANIC BAR
FOR VON OUPRIN DEVICES
NOS. 1122B-1124B-1722B-1724B
NL1124B-NL1724B-NL1141B-NL1741B



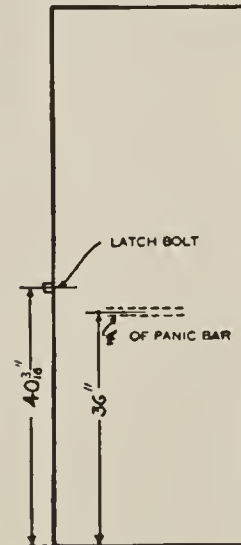
POSITION OF LATCH BOLT AND
PANIC BAR VON OUPRIN DEVICES
NOS. 1130B-1730B



POSITION OF LATCH BOLT AND
PANIC BAR VON OUPRIN DEVICE
NO. K1126B



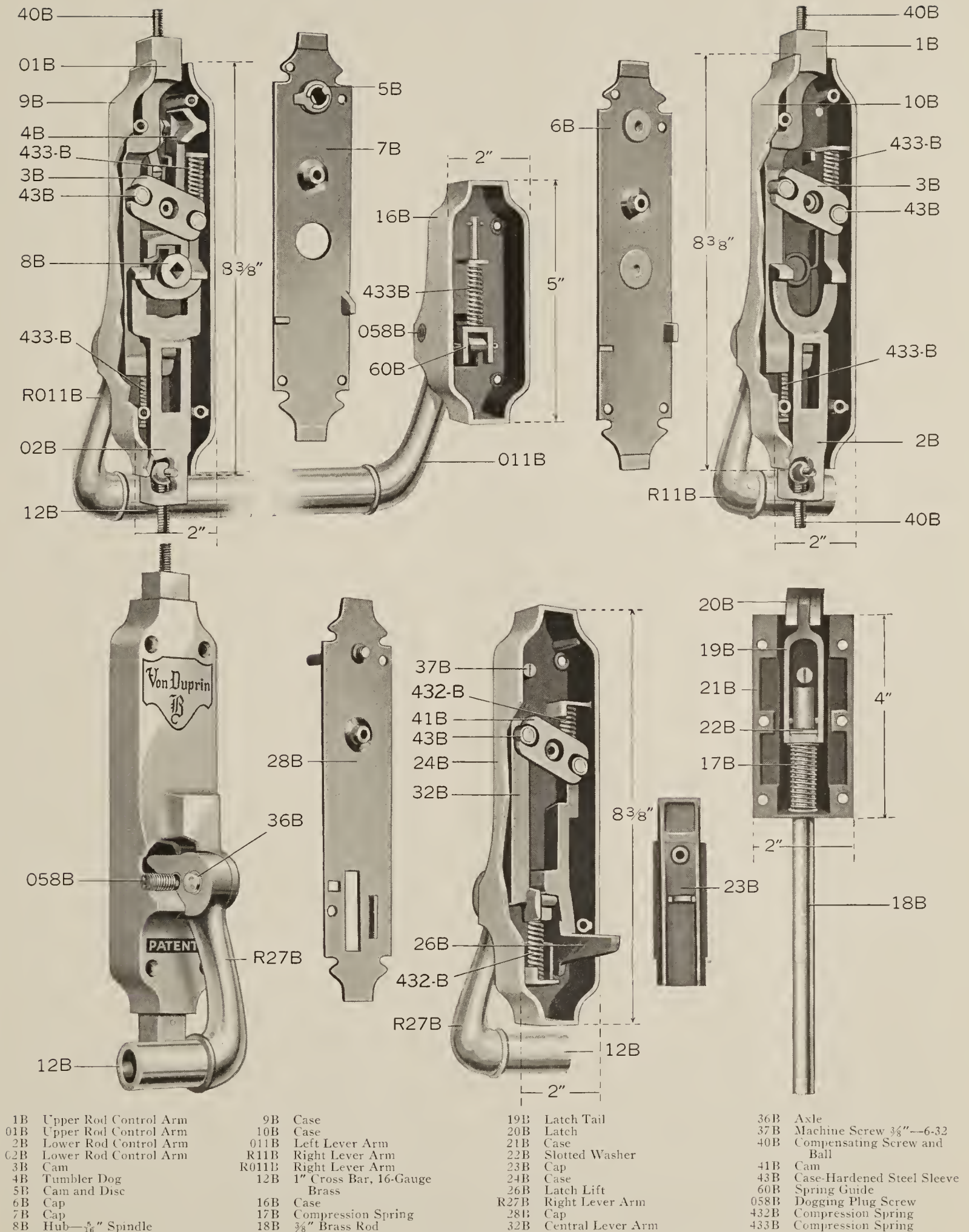
POSITION OF LATCH BOLT AND
PANIC BAR VON OUPRIN DEVICE
NO. 1129B



POSITION OF LATCH BOLT AND
PANIC BAR VON OUPRIN DEVICE
NO. 1129 1/2 B

Type "B" Functioning Member Chart

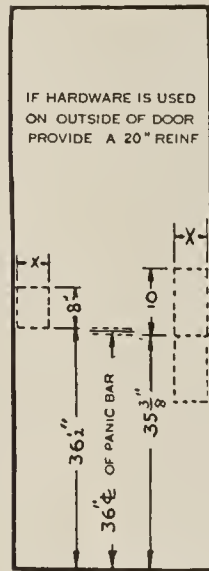
For Devices Shown on Pages 15 to 25, Inclusive



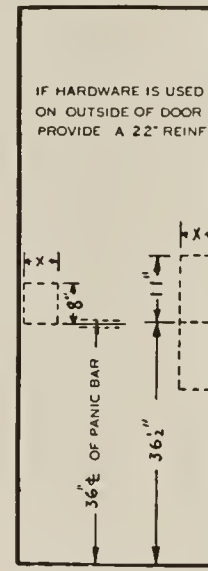
Type "C" Metal Door Information

REINFORCING MEMBER CHART AND LOCK AND LATCH POSITION CHART

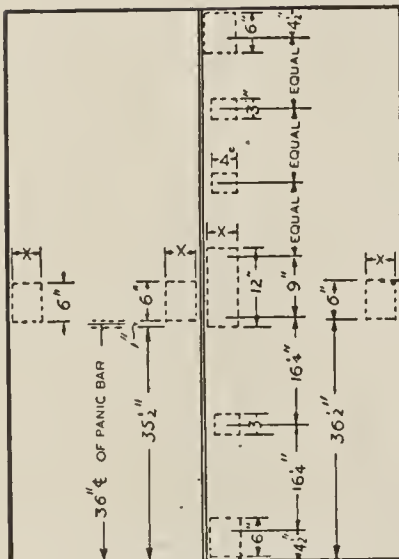
For Devices Shown on Pages 27 to 37, Inclusive
All Measurements Given Are Taken from Bottom of DOOR



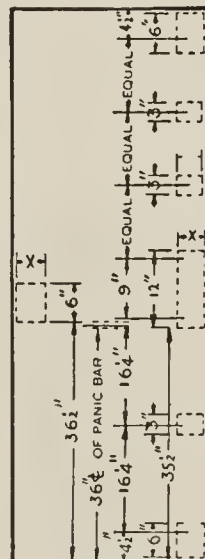
SIZE OF REINF. REQUIRED
FOR VON DUPRIN DEVICES
NOS. K6126C - 6129C - 6129 1/2 C
6130C - 6730C



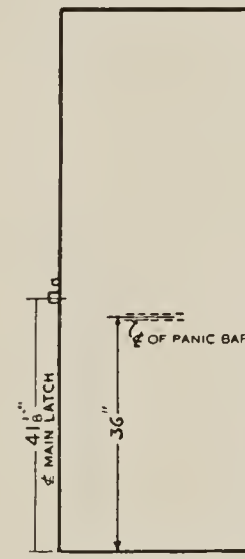
SIZE OF REINF. REQUIRED
FOR VON DUPRIN DEVICES
NOS. 6122C - 6124C - 6722C - 6724C
NL6124C - NL6724C - NL6141C - NL6741C



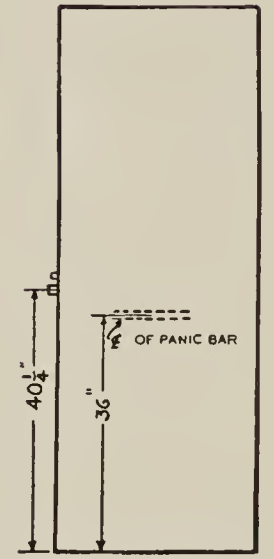
SIZE OF REINFORCEMENTS REQUIRED
FOR VON DUPRIN DEVICE
NO. 6172C



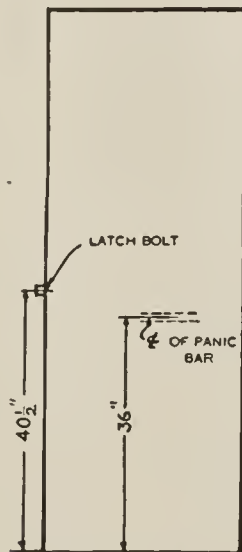
SIZE OF REINF. REQUIRED
FOR VON DUPRIN DEVICES
NOS. 6123C - 6127C - 6133C - 6137C



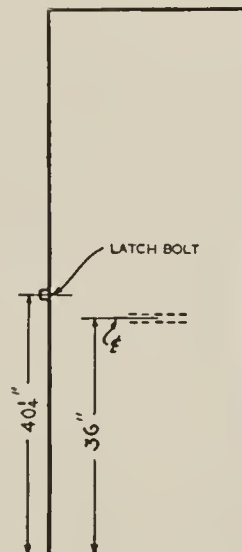
POSITION OF LATCH PANIC BAR
FOR VON DUPRIN DEVICES
NOS. 6122C - 6124C - 6722C - 6724C
NL6124C - NL6724C - NL6141C - NL6741C



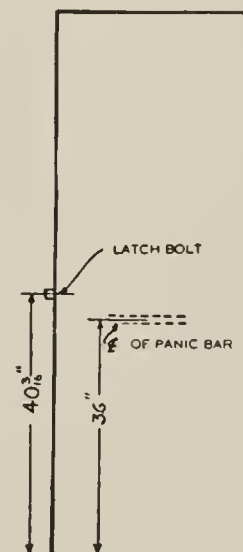
POSITION OF LATCH BOLT AND
PANIC BAR VON DUPRIN DEVICES
NOS. 6130C - 6730C



POSITION OF LATCH BOLT AND
PANIC BAR VON DUPRIN DEVICE
NO. K6126C



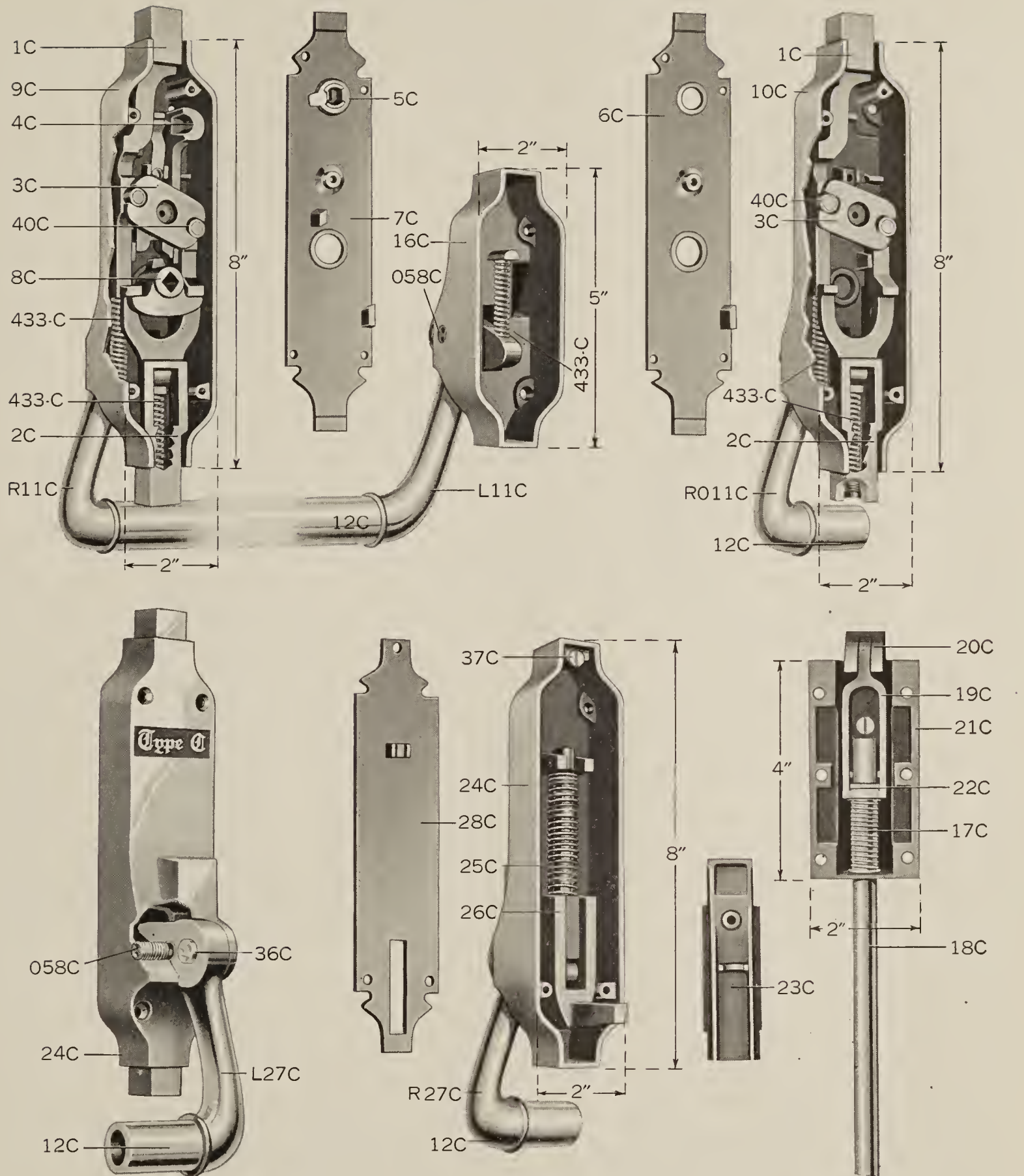
POSITION OF LATCH BOLT AND
PANIC BAR VON DUPRIN DEVICE
NO. 6129C



POSITION OF LATCH BOLT AND
PANIC BAR VON DUPRIN DEVICE
NO. 6129 1/2 C

Type "C" Functioning Member Chart

For Devices Shown on Pages 27 to 37, Inclusive



1C Upper Rod Control Arm
2C Lower Rod Control Arm
3C Cam
4C Tumbler Dog
5C Cam and Disc
6C Cap
7C Cap
8C Hub—Size Spindle, $\frac{5}{16}$ "
9C Case

10C Case
L11C Left Lever Arm
R11C Right Lever Arm
R011C Right Lever Arm
12C 1" Cross Bar, 16-Gauge
16C Case
17C Compression Spring
18C $\frac{3}{8}$ " Brass Rod

19C Latch Tail
20C Latch
21C Case
22C Slotted Washer
23C Cap
24C Case
25C Tension Spring
26C Latch Lift
L27C Left Lever Arm

R27C Right Lever Arm
28C Cap
36C Axle
37C Machine Screw, Size $\frac{3}{8}$ "—
6-32
40C Case-Hardened Sleeve
058C Dogging Plug Screw
432C Compression Spring
433C Compression Spring

REINFORCING MEMBER CHART AND LOCK AND LATCH POSITION CHART

IF HARDWARE IS USED
ON OUTSIDE OF DOOR
PROVIDE A 22" REIN

34"
36" ϕ OF PANIC BAR
33 $\frac{3}{8}$ "
10"
X
X

IF HARDWARE IS USED ON OUTSIDE OF DOOR PROVIDE A 22 REINF

36" OF PANIC BAR

8"

36 1/2"

Technical drawing of a 36 lb I-beam piling. The main view shows a vertical section with a total height of 36 inches. The top flange is 10 inches wide. The web is 10 inches high. The bottom flange is 10 inches wide. The total height is 36 inches. The drawing includes reinforcement details for the top and bottom flanges, showing bars of size 4, 6, and 8, and their spacing. The reinforcement is labeled as 'EQUAL' for the top and bottom flanges. The drawing also shows the reinforcement for the web, with bars of size 4, 6, and 8, and their spacing. The drawing is labeled '36 lb OF PANIC BAR' and '36 lb'.

Figure 1 is an elevation view of a bridge deck showing the layout of reinforcement bars. The diagram includes dimensions for bar spacing and lengths. Key dimensions include 36 1/2" for the top longitudinal bar, 36 1/4" for the bottom longitudinal bar, and 42" for the vertical spacing between them. Horizontal dimensions include 10", 13", 16", and 6" for various segments. Labels include "36 1/2" OF PANIC BAR", "EQUAL", and "6".

Diagram illustrating the dimensions and components of a door assembly:

- The total height of the door is $38\frac{1}{2}"$.
- The height of the main latch is $36"$.
- The component is labeled "MAIN LATCH".
- The component is labeled "OF PANIC BAR".

Diagram illustrating the dimensions and components of a door latch assembly:

- The vertical distance from the bottom edge to the center of the latch bolt is $37\frac{2}{8}$ inches.
- The vertical distance from the bottom edge to the center of the latch bolt is 36 inches.
- The component labeled "LATCH BOLT" is shown extending from the door edge.

Diagram illustrating the dimensions and components of a door latch assembly:

- The vertical distance from the top of the door frame to the center of the latch bolt is $37\frac{11}{16}$ inches.
- The vertical distance from the center of the latch bolt to the center of the panic bar is 36 inches.
- The component labeled "LATCH BOLT" is shown extending from the door frame.
- The component labeled "OF PANIC BAR" is shown extending from the door frame.

Diagram illustrating the latch bolt mechanism. The latch bolt is shown in its retracted position, with a dimension of 37 7/8" indicated for the distance from the bottom edge to the center of the latch bolt. The latch bolt is labeled "LATCH BOLT". The distance from the bottom edge to the center of the latch bolt is 36".

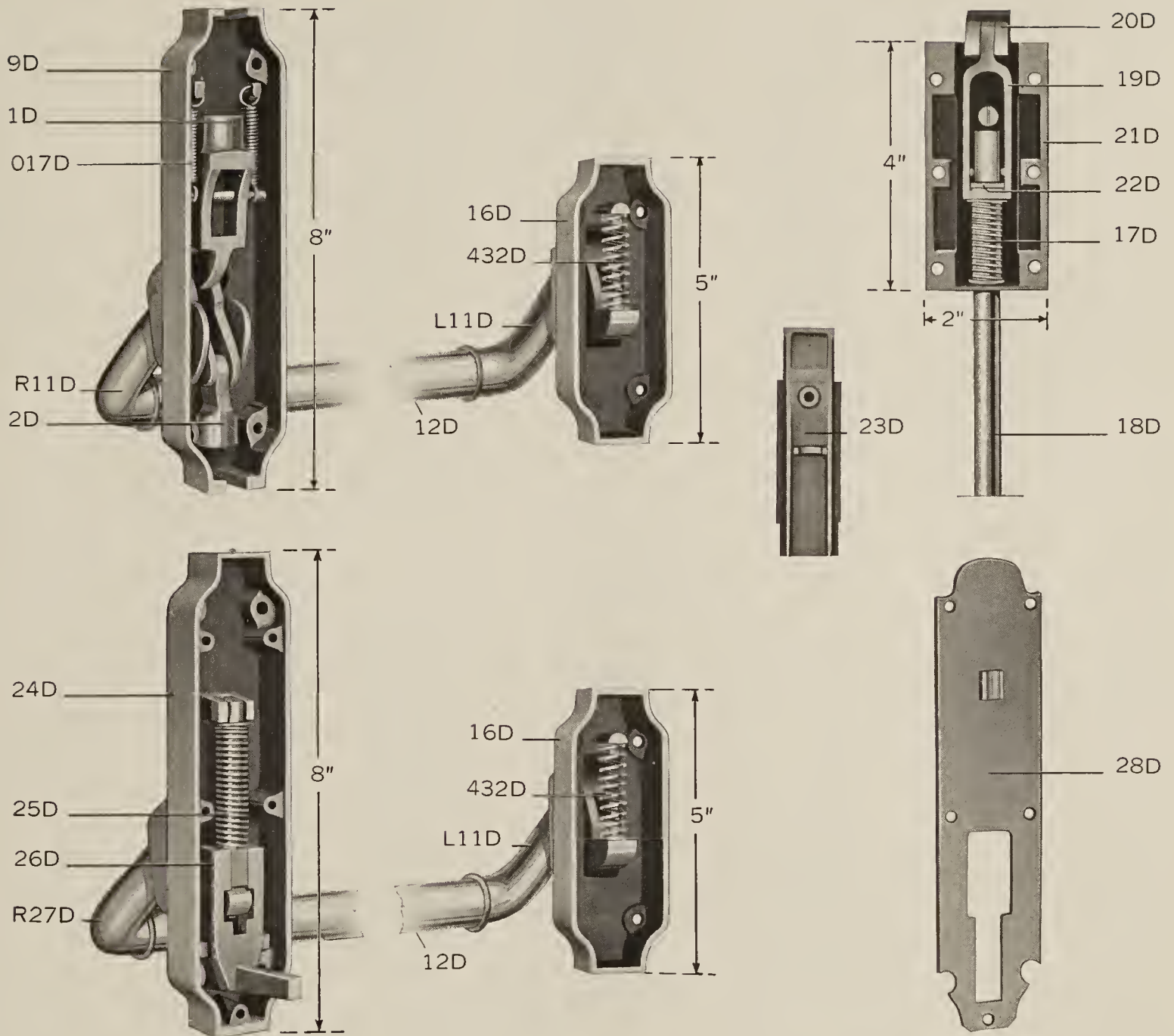
Diagram illustrating the dimensions and components of a door latch assembly:

- The distance from the top of the door to the center of the latch bolt is 38".
- The distance from the top of the door to the center of the panic bar is 36".
- The component labeled "LATCH BOLT" is shown extending from the door.
- The component labeled "OF PANIC BAR" is shown extending from the door.

[136]

Type "D" Functioning Member Chart

For Devices Shown on Pages 39 to 43, Inclusive



- 1D Upper Rod Control Arm
- 2D Lower Rod Control Arm
- 9D Case
- L11D Left Lever Arm
- R11D Right Lever Arm
- 12D 1" Cross Bar, 16-gauge brass
- 16D Case, Hinged End
- 17D Compression Spring
- 017D Extension Spring
- 18D $\frac{3}{8}$ " Brass Rod
- 19D Latch Tail

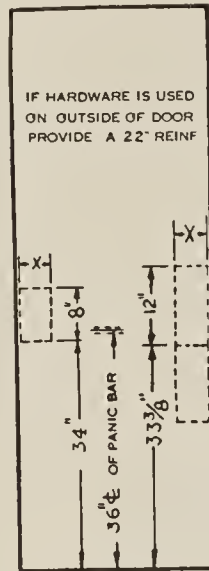
- 20D Latch
- 21D Case
- 22D Slotted Washer
- 23D Cap
- 24D Case
- 25D Main Compression Spring
- 26D Latch Lift
- R27D Right Lever Arm
- 28D Main Case Cap
- 432D Compression Spring

Type "H" Metal Door Information

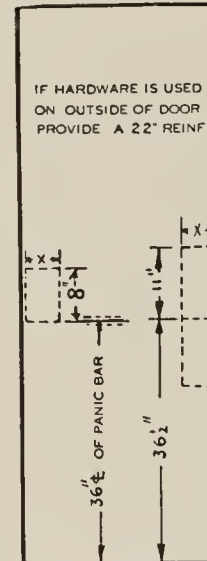
REINFORCING MEMBER CHART AND LOCK AND LATCH POSITION CHART

For Devices Shown on Pages 59 to 69, Inclusive

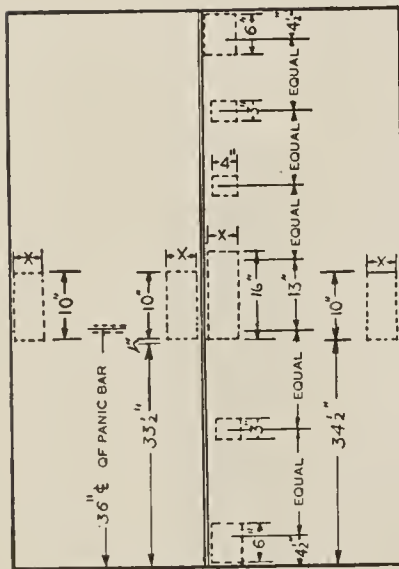
All Measurements Given Are Taken from Bottom of DOOR



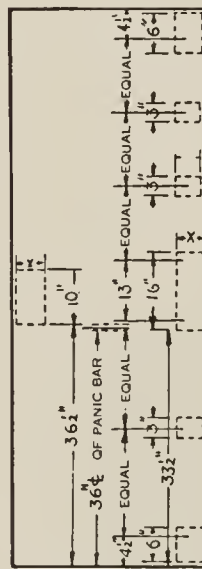
SIZE OF REINF. REQUIRED
FOR VON DUPRIN DEVICES
NOS. 8129H · 8129 1/2H · K8126H
8130H · 8730H



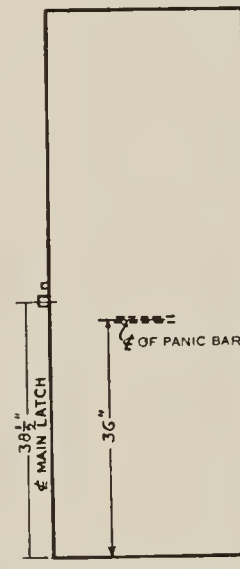
SIZE OF REINF. REQUIRED
FOR VON DUPRIN DEVICES
NOS. 8122H · 8722H · 8124H · 8724H
NL8124H · NL8724H · NL8141H · NL8741H



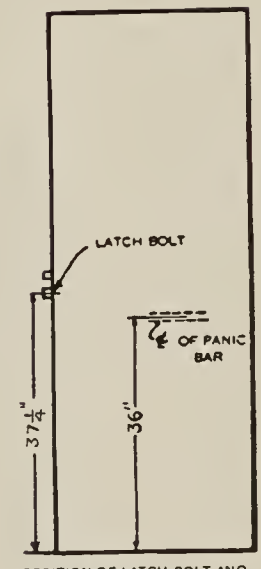
SIZE OF REINFORCEMENTS REQUIRED
FOR VON DUPRIN DEVICE
NO. 8172H



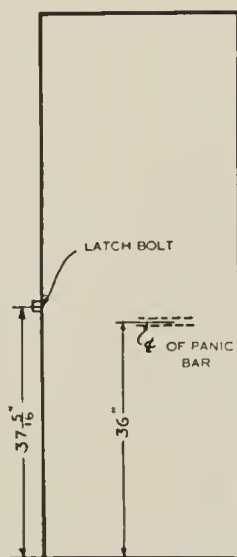
SIZE OF REINF. REQUIRED
FOR VON DUPRIN DEVICES
NOS. 8123H · 8127H



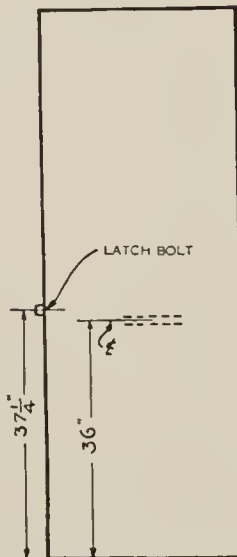
POSITION OF CYLINDER AND LATCH
PANIC BAR VON DUPRIN DEVICES
NOS. 8122H · 8722H · 8124H · 8724H
NL8124H · NL8724H · NL8141H · NL8741H



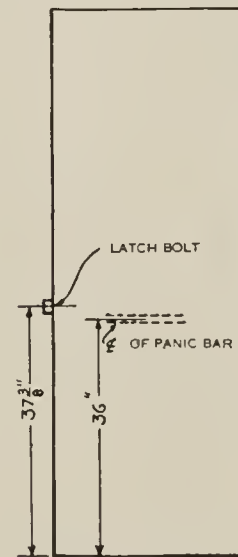
POSITION OF LATCH BOLT AND
PANIC BAR VON DUPRIN DEVICES
NOS. 8130H · 8730H



POSITION OF KNOB LATCH BOLT
AND PANIC BAR VON DUPRIN
NO. K8126H



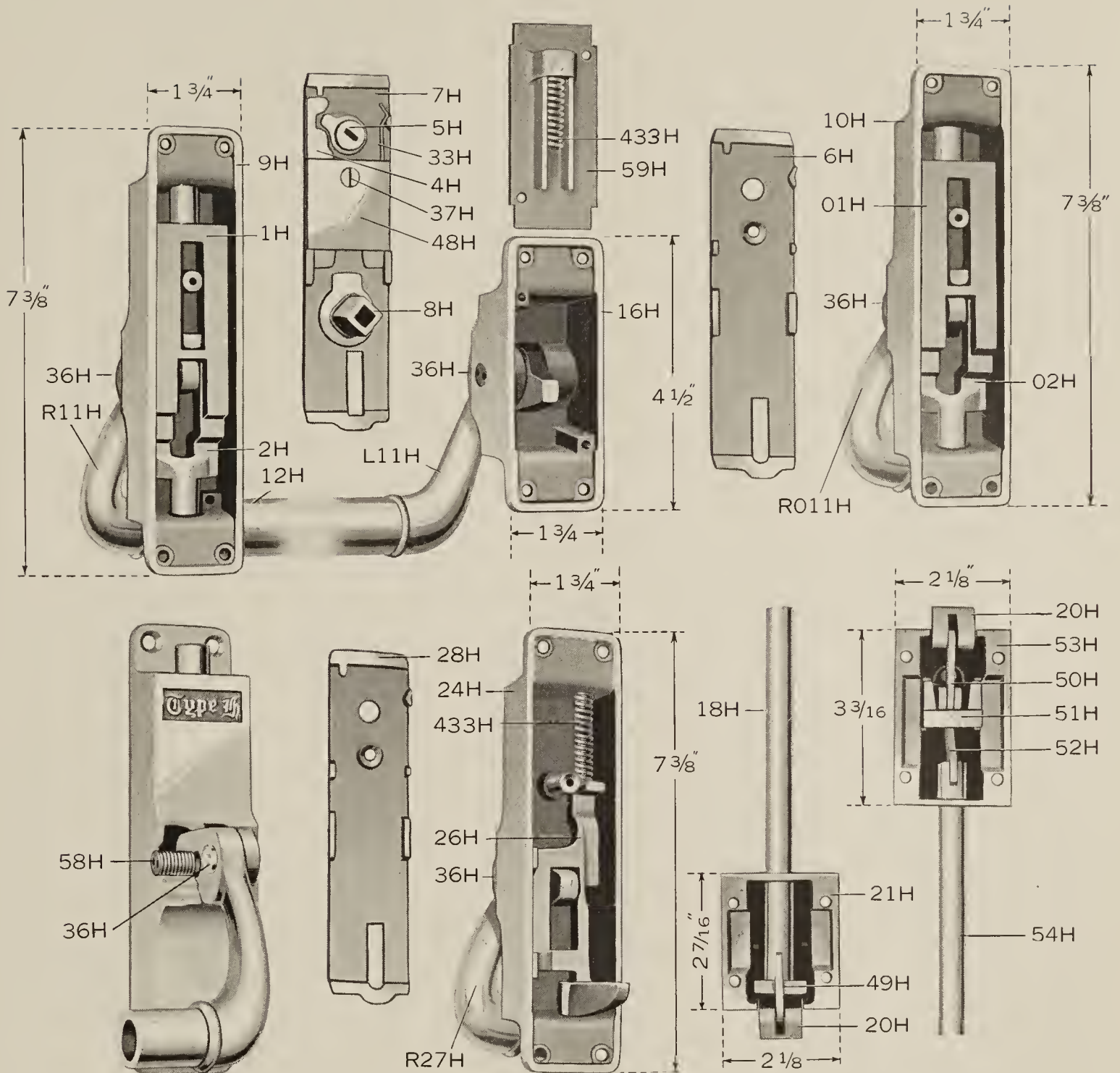
POSITION OF LATCH BOLT AND
PANIC BAR VON DUPRIN DEVICE
NO. 8129H



POSITION OF LATCH BOLT AND
PANIC BAR VON DUPRIN DEVICE
NO. 8129 1/2H

Type "H" Functioning Member Chart

For Devices Shown on Pages 59 to 69, Inclusive



1H Upper Rod Control Arm
 01H Upper Rod Control Arm
 2H Lower Rod Control Arm
 02H Lower Rod Control Arm
 4H Tumbler Dog
 5H Cam and Disc
 6H Cap
 7H Cap
 8H Hub, 5/8" Spindle
 9H Case
 10H Case
 L11H Left Lever Arm

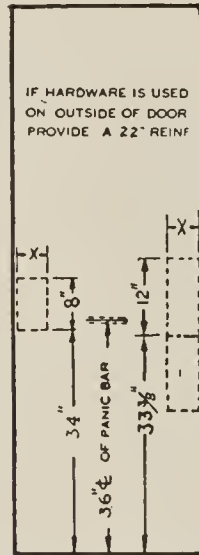
R11H Right Lever Arm
 R011H Right Lever Arm
 12H 1" Cross Bar, 16-gauge brass
 16H End Case
 18H 1/2" Brass Rod, Lower
 20H Latch
 21H Case, Lower
 24H Case
 26H Latch Lift
 R27H Right Lever Arm
 28H Cap
 33H Spring

36H Axle
 37H Machine Screw, size 3/8"—6-32
 48H Guard Plate
 49H Lower Latch Link
 50H Upper Latch Link
 51H Upper Latch Case Fork
 52H Upper Rod Link
 53H Case, Upper
 54H 1/2" Brass Rod, Upper
 58H Dogging Plug Screw
 59H End Case Cap
 432H Compression Spring
 433H Compression Spring

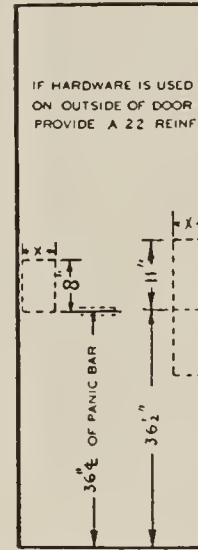
Type "K" Metal Door Information

REINFORCING MEMBER CHART AND LOCK AND LATCH POSITION CHART

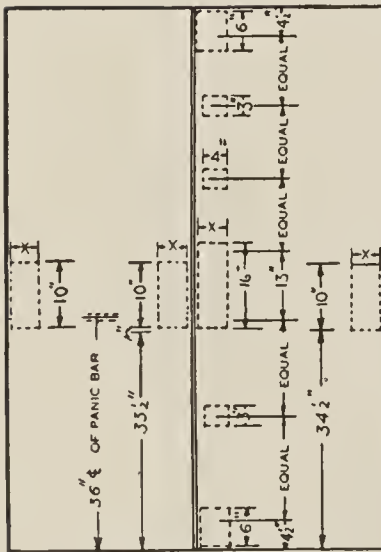
For Devices Shown on Pages 75 to 87, Inclusive
All Measurements Given Are Taken from Bottom of DOOR



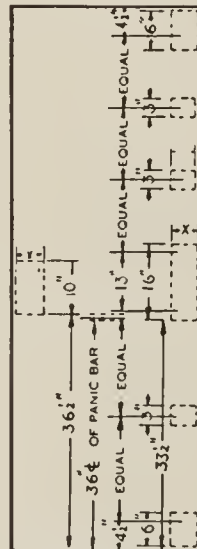
SIZE OF REINF. REQUIRED
FOR VDN DUPRIN DEVICES
NOS. 2129K - 2129 1/2 K - K2126K
2130K - 2730K



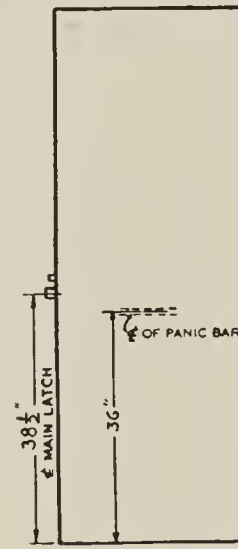
SIZE OF REINF. REQUIRED
FOR VDN DUPRIN DEVICES
NOS. 2122K - 2124K - 2722K - 2724K
NL2124K - NL2724K - NL2141K - NL2741K



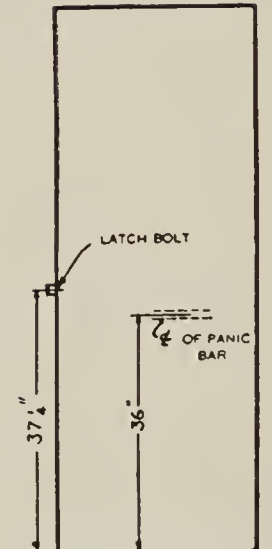
SIZE OF REINFORCEMENTS REQUIRED
FOR VDN DUPRIN DEVICE
NO. 2172K



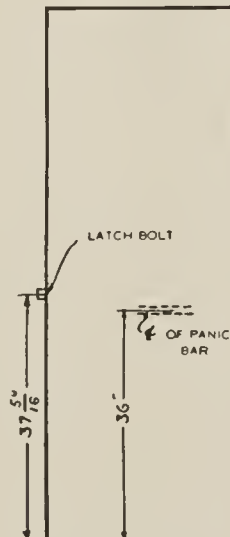
SIZE OF REINF. REQUIRED
FOR VDN DUPRIN DEVICES
NOS. 2123K - 2127K - 2133K - 2137K



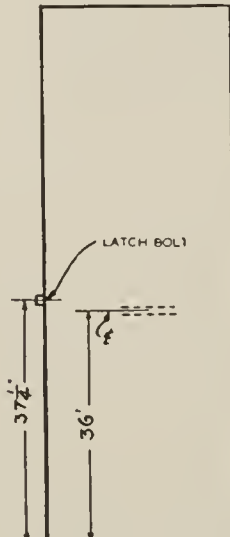
POSITION OF LATCH PANIC BAR
FOR VDN DUPRIN DEVICES
NOS. 2122K - 2124K - 2722K - 2724K
NL2124K - NL2724K - NL2141K - NL2741K



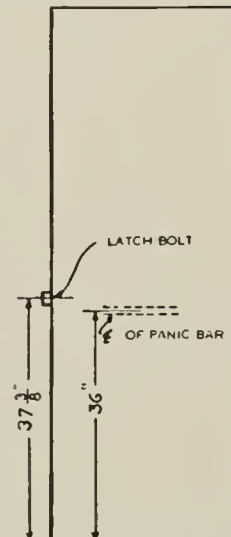
POSITION OF LATCH BOLT AND
PANIC BAR VDN DUPRIN DEVICES
NOS. 2130K - 2730K



POSITION OF LATCH BOLT AND
PANIC BAR VDN DUPRIN DEVICE
NO. K2126K



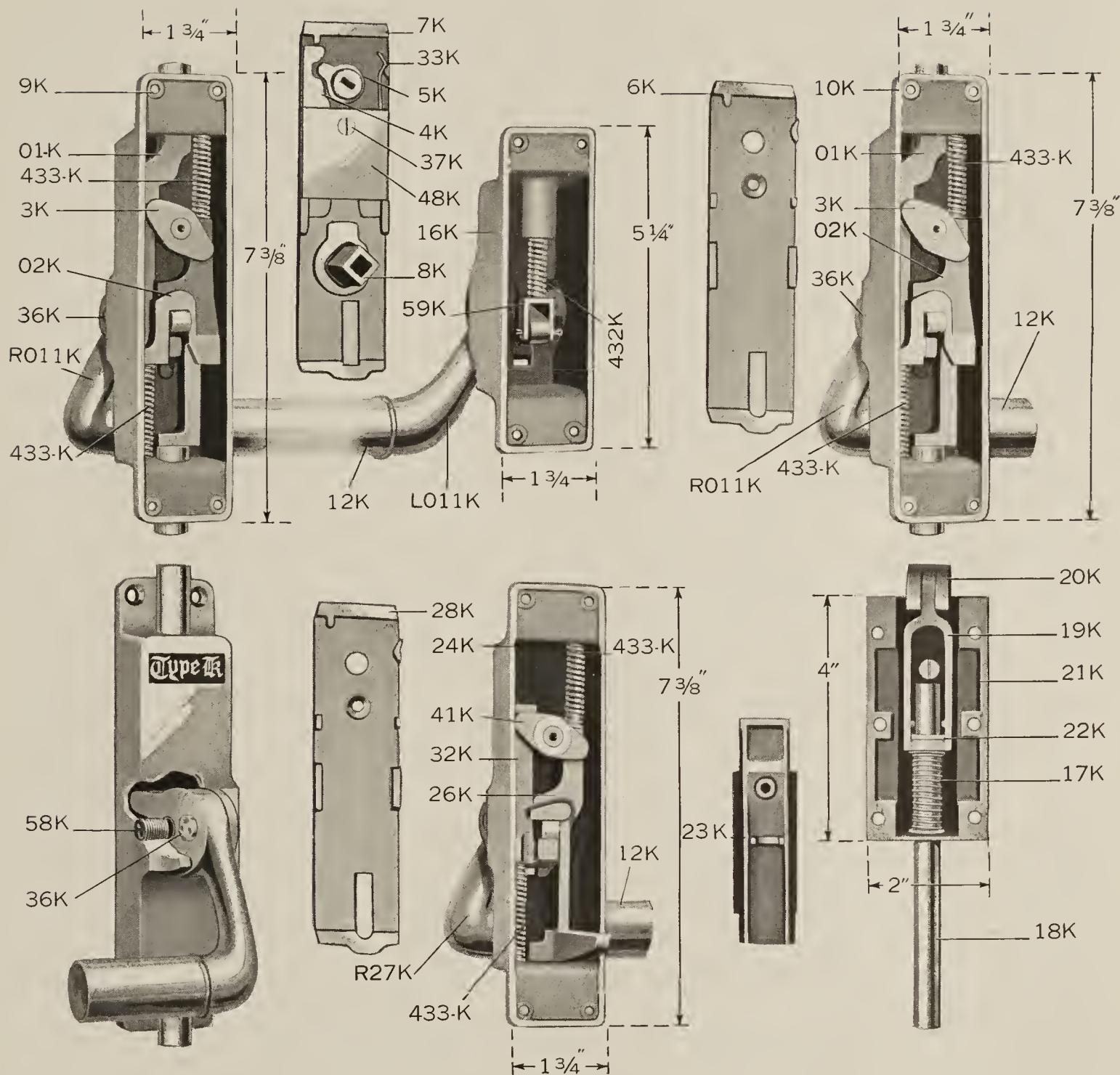
POSITION OF LATCH BOLT AND
PANIC BAR VDN DUPRIN DEVICE
NO. 2129K



POSITION OF LATCH BOLT AND
PANIC BAR VDN DUPRIN DEVICE
NO. 2129 1/2 K

Type "K" Functioning Member Chart

For Devices Shown on Pages 75 to 87, Inclusive



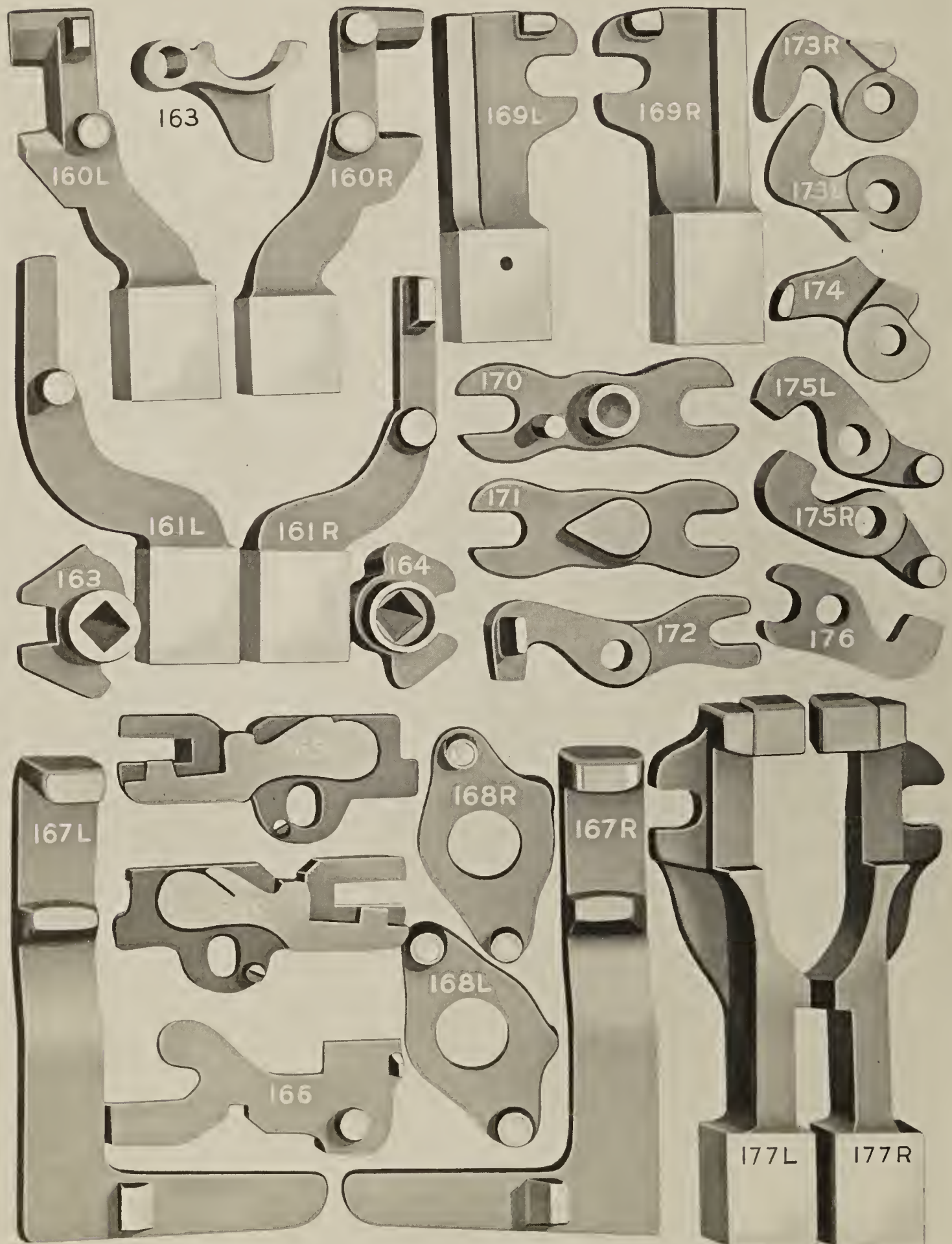
01K Upper Rod Control Arm
 02K Lower Rod Control Arm
 3K Cam
 4K Tumbler Dog
 5K Cam and Disc
 6K Cap
 7K Cap
 8K Hub—Size Spindle, $\frac{5}{16}$ "
 9K Case
 10K Case
 L011K Left Lever Arm
 R011K Right Lever Arm
 12K 1" Cross Bar, 16-Gauge Brass

16K Case
 17K Compression Spring
 18K $\frac{3}{8}$ " Brass Rod
 19K Latch Tail
 20K Latch
 21K Case
 22K Slotted Washer
 23K Cap
 24K Case
 26K Latch Lift
 R27K Right Lever Arm
 28K Cap
 32K Central Lever Arm

33K Spring
 36K Axle
 37K Machine Screw, Size $\frac{3}{8}$ "—6-32
 41K Cam
 48K Guard Plate
 58K Dogging Plug Screw
 59K Spring Guide
 432K End Case Compression Spring
 433K Main Case Compression Spring

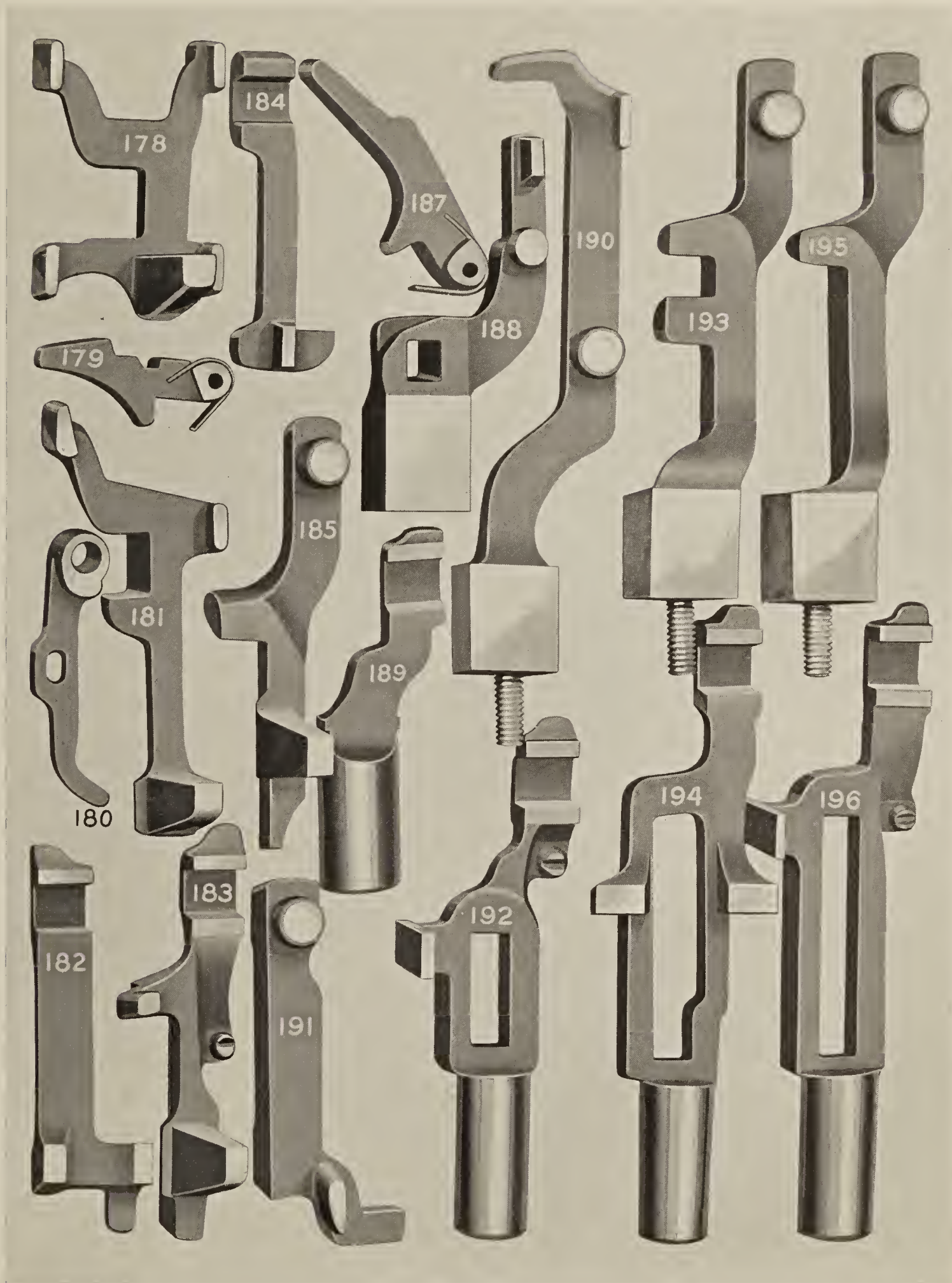
Functioning Members of Old Types of Von Duprin Devices

Seven-eighths Full Size



Functioning Members of Old Types of Von Duprin Devices

Seven-eighths Full Size



Comparable List of Competitive Devices

NOTE: Where we do not have devices comparable to other manufacturers we sacrifice in the rating by giving easy spring terminal latches on vertical rods and include dogging devices on both ends of cross bar.

Box Case and Semi-Box Case Devices

Russell Erwin	P & F Corbin	Sargent & Co.	VON DUPRIN	Reading Hardware Co.	Gravity VON DUPRIN Double Cylinder	Gravity Steffen-Amberg Smith	Gravity Smith 80	VON DUPRIN Gravity	H. Elmer Clark
60	02352	5525	2127K	22	3127E2	35			97032
		5412	BK7122G N.Y.						
		5457	NL7124G N.Y.						
60	02352	5525	LR2127K		LR3127E2	45	80	LR8127H	
60	02357 or 02352	5525	2127K		LR3127E2	45	80	LR8127H	
60 Unpol.	T02352 Unpol.		2127K UPS		LR3127E2 UPS				
60 Unpol.	T02357 Unpol.								
260			2172K			445		8172H	97035
65	02354	5535	2123K			245		8123H	
65	02354		2123K			270		8123H	
65 Iron	D03354 Iron								
63x65 Iron	03354 x 03352								
63 x 65	02352 x 02354	5525 x 5535	2127K x 2123K			45 x 245		8127Hx8123H	
63x65 Iron	D03354xD03352								
66 Dbl.	42386	5758	2724K	11 x Str. 45	3724E2	336 or 736	836	8724H	97047 x 104
66 N. L.	42386	5560	NL2724K	11 x Str. 45	NL-3724E2	A336 or A736	A836	NL8724H	97047 x 104
66 Unpol.	52386 Unpol.		2724K UPS						
66 Sgl.	42386	5758	2124K	11 x Str. 35	3124E2	336 or 736	836	8124H	97047 x 104
66Sgl.N.L.	42386	5560	NL2124K	11 x Str. 35		A336 or A736	A836	NL8724H	97047 x 104
66 Unpol.									
67 Dbl.	42387	5754 or 5554	2722K	21 x 45	3722E2	337 or 334	837	8722H	97047 x 107
67 Sgl.		5554 or 5754	2122K	21 x 35	3122E2	337 or 334	A837	8122H	97047 x 107
		5558 Sgl.	NL2124K x 2806		NL-3124 x 2806				
		5558 Dbl.	NL2724K x 2806		NL-3124 x 2806				
		5560 Sgl.	NL2124K		NL-3124E2				
		5560 Dbl.	NL2724K		NL-3724E2				
		5758 Sgl.	2124K x 2800		3124E2 x 2800				
		5758 Dbl.	2724K x 2800		3724E2 x 2800				
68 Sgl.	41180	5533 Sgl.	BK2122K		BK-3122E2				
68 Sgl.	52380 Unpol.		BK2122K UPS						
68 Dbl.	41180 Dbl.	5533 Dbl.	BK2722K		BK-3722E2				
69 Sgl.	41176	5511 Sgl.	2130K		3130E2				97047 x 101
69 Dbl.	41176	5511 Dbl.	2730K		3730E2				97047 x 101
	52376 Unpol.		2730K UPS						
		5754 Sgl.	2122K		3722E2				
		5754 Dbl.	2722K		3722E2				
			2741K						
			2141K						
			2129K						97047 x 103
			2129 ¹ / ₂ K			31	81		
			2126K	26K					97047 x 103
	52486 Unpol.		4127J UPS x						
			4724J UPS x Dog						
	52487 Unpol.		4127 UPS x						
			4722J UPS x Dog						

Comparable List of Iron Devices

Russell & Erwin	Corbin	Sargent	Smith	VON DUPRIN
25	D03352			9127
025		J5244	SIP1	
T026	03352			
27	03352 Brass Cross Bar			9127F1 Brass Cross Bar
GT026	03357 Galv.	OBW5244		
T26	03357			
GT026	03352 Galv.	OBW5244		Galv. 9127F
38		B5248, RD5248		9127F3
T38	T02352			
	T02357			
326	32386			9724F
326 Plt.	33386			
327	32387			9722F
327 Plt.	33387			
328	32380			BK9722F
328 Pl.	33380			
329	32376			9129 ¹ / ₂ F
329 Pl.	33376			
225				9172F
227				351 9172F

Comparable List of Rim Devices

Sargent-Greenleaf	Steffen-Amberg Smith	VON DUPRIN	Clark
.....	1025A	.....
.....	NL1025A	.....
.....	1028A	.....
.....	H254	1026A	.....
5003C	NL1026A	.....
.....	K254	1225A	.....
5004C	NL1225A	.....
.....
.....
.....
.....

Comparable List of Competitive Panic Devices

To Our Friends, the Architects:

THIS LIST has been compiled at the request of many of our friends, the architects and customers, and for the hardware dealers' convenience in estimating where architectural friends of other manufacturers have specified other manufacturers' numbers.

We have kept *as near* the prices of the numbers shown in the guide as consistent, as VON DUPRIN are priced only in consistency with what we offer in competition—as, even though we stipulate certain numbers, yet VON DUPRIN devices of any of our fifteen (15) various types have more or less of the genuine Type "B" VON DUPRIN super non-competitive device features, in addition to the approval of the National Board of Underwriters SA-163, on Types A, B and K, and we only ask of the architects, in fairness to our friends (the dealers) that they be given an opportunity to demonstrate VON DUPRIN superiority. You, we feel, will always gladly pay the difference.

IMPORTANT—We make only one type of device in iron (Type "F") that in *malleable iron for heavy-duty members*—our reason being—that panic devices are called upon to furnish extraordinary service in case of desperate panic struggle—*cast iron is as fragile as glass*—our long experience has proven *that beyond any reasonable doubt*.

Keep in mind these fundamentals,

In all types VON DUPRIN except "D", "F" and "J" we furnish regularly—

Key dogging devices both ends of cross bar.

Terminal latches for vertical rod devices (except "F", "H" and "J") easy spring independent latching.

VON DUPRIN heavy-duty mortise locks, *all* types.

Thanks.

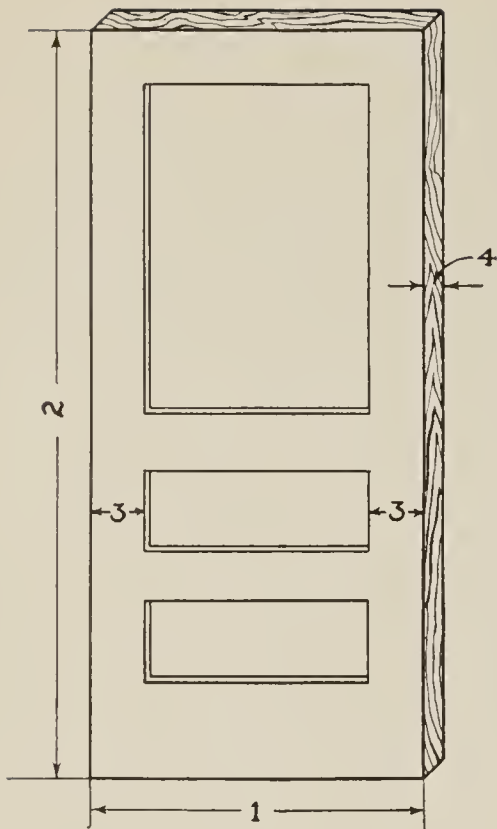
VONNEGUT HARDWARE CO.

[144A]

45 Medium	.....	.....	.....	LR4127J
35 Medium	.....	.....	.....	4127J
336	.....	.....	.....	4724J
336	.....	470-K4516, E7040 Hud.	.....	4124J
A336	.....	.....	.....	NL4724J
A336	.....	.....	.....	NL4124J
337	.....	.....	.....	4722J
337	.....	470-L4517	.....	4122J
31	.....	K8650, E8494	.....	4129½J
32	.....	471 x G489	.....	4130J
.....	.....	471-490	.....	4129J
.....	.....	.....	.....	K4126J
.....	.....	.....	.....	NL4141J

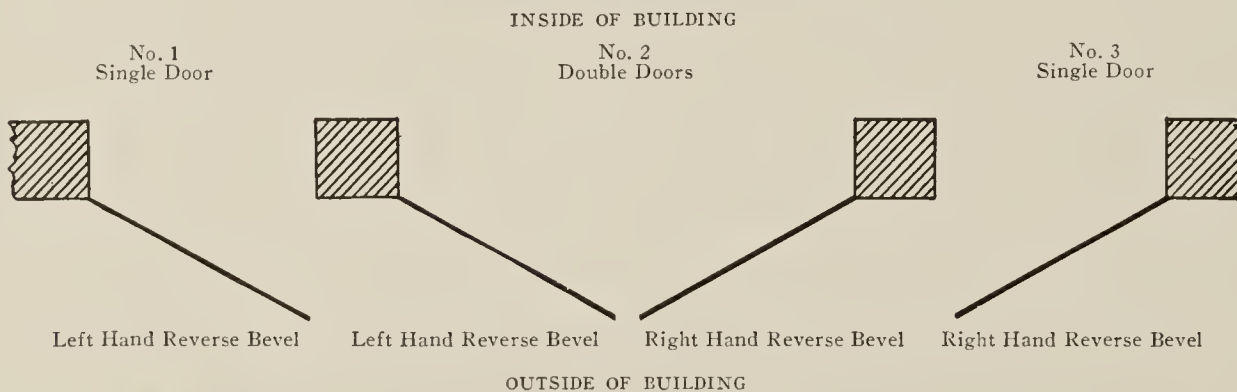
How to Measure Doors When Ordering Von Duprin Devices

TAKE MEASUREMENT OUTSIDE OF DOOR



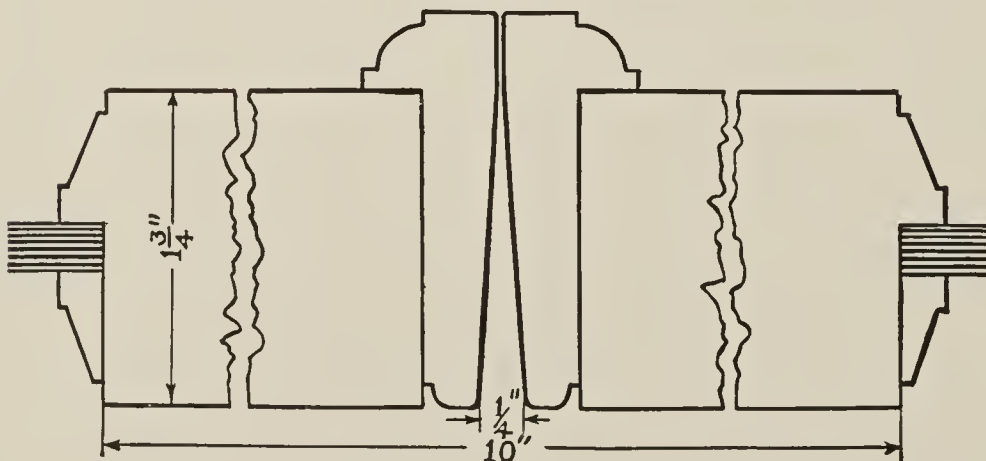
- (1) Width (each individual door).
- (2) Height (each individual door).
- (3) Width of stile. Note—On mortise cylinder sets narrowest stile permissible is $4\frac{1}{2}$ ".
- (4) Thickness.
- (5) Give detail of astragal.
- (6) Handing of door *from outside*. See No. 1 below.
- (7) If for hollow metal door, state it. *Always* use Von Duprin astragal and avoid trouble. (Made by all mills.)
- (8) If through bolts are required give exact length wanted. See page 118.
- (9) Give sill condition, i. e., formation. See page 120 for thresholds—must know if sill is stone, cement, metal or wood.

Handing of Doors



ALWAYS TAKE HANDINGS FROM OUTSIDE

Von Duprin Astragal



This astragal gives free use of both doors, and has been used for years by the most prominent school architects in the United States. Absolutely satisfactory in all respects. Made by all mills. We do not market the astragals.

If overlapping astragals are used, furnish "Automatic Coordinating Device."

Insuring the inactive door without astragal closing first, page 116A.

See Opposite page for terms—how to word order.

Example for Writing Up Orders for **Won Duprin** Devices

(EXAMINE YOUR SILL CONDITION MINUTELY FOR PROPER THRESHOLD AND STRIKES. SEE PAGES 120, 121, 122)

TWO PAIRS MAIN ENTRANCE DOORS NOS. 123, 124

	Width	Height	Stile	Thickness	Hand of Door
Each door	2' 6"	7' 6"	5"	1 3/4"	

Wood Doors or Metal Doors?

2 No. 1127B devices, inactive door. Finish 10.....RHRB
(Specify LR feature if wanted.)
(Specify type of sill plate. See pages 120, 121, 122.)

2 No. 1123B devices, active door. Finish 10.....LHRB
(Specify without cylinders and without trim if these items are not wanted.)

TWO SINGLE ENTRANCE DOORS NOS. 132, 134

	Width	Height	Stile	Thickness
Each door	3' 0"	7' 6"	5"	1 3/4"

Wood Doors or Metal Doors?

2 No. 1124B devices 1/RHRB—1/LHRB. Finish 10.
(Specify without cylinders and without trim if these items are not wanted.)

Also state what part of our equipment attaches to steel, iron, stone or concrete, as we furnish wood screws, machine screws, expansions, as the case may be.

Announcement and Terms

In view of the fact that the width, height, thickness, the width of stile and the swing of the door has to do with the making up of the devices, the same is considered special, or in other words, not a stock item. We are therefore compelled to stand a penalty charge made by our factory, which is passed on to the customer for the return of special-made goods. Of course, if it is our own error, there will be no such charge.

When we make a mistake, we will defray all

in charges and correct the mistake. When customer makes the mistake, you are penalized 33 1/3% beyond original cost, and all in charges. No goods accepted for return until examined in our plant.

Terms 2% in 10 days, 30 days net, f. o. b. cars Indianapolis, Ind.

Shipping cartons are approved by the railroad companies. If shipments are received in bad condition, make claim to your claim agent at once. We can not help you from this point.

Approximate Time Required to Apply **Won Duprin** Devices

Double Door Combinations Vertical Rod and Mortise Lock

Six hours' labor cutting, fitting, patching and applying astragals and thresholds.
Two hours for applying.

Single Entrance Doors

One and one-half hours applying and patching.

Single Fire Escape Doors

One hour applying and patching.

Remember, you may order any trim you desire, deduct standard trim, add special trim.
See pages 96-100.

Descriptive List of Finishes and Comparative Symbols of Leading Hardware Manufacturers

COMPILED BY VONNEGUT HARDWARE CO.

Vonnegut Hardware Co. Finish No.	Surface	Color	U. S. Standard	Stanley Works	Sager Lock Company	Norwalk Lock Company	Russell & Erwin Mfg. Co.	Yale & Towne Mfg. Co.	P. & F. Corbin	Sargent and Company	Reading Hardware Company	Penn Hardware Company	Barrows Lock Company	Lockwood Mfg. Company
BRASS FINISHES														
9	Dull	Natural.....	U.S. 4	F	D30	K	9	AY22	EA	OB	37	DB	D30	13
9C	Dull	Light Oxidized, Relieved.....	U.S. 5	F4	D31	K3	9C	AY21	KA	OE	371	DBR	D31	43
10	Buffed	Natural.....	U.S. 3	C	A30	1B	10	AZ10	A	B	31	PB	A30	13 1/2
10NL	Buffed	Natural No Lacquer.....			A30NL	1BNL	10NL	AZ110	ANL	NLB	31NL	PBNL	A30NL	13 1/2 NL
22	Fine wheel	Natural (Ship Finish).....		F6	F30	16	22	AW10	CA		FS31		F30	
09B	Sanded	Light Oxidized and High Lights buffed.....	U.S. 7		HS31	HK3L	09B	AX28	2A	R7D	333	BS9	HS31	45
09C	Sanded	Light Oxidized.....	U.S. 6	SF4	S31	HK3	09C	AX24	SKA	RD	331	BS7L	S31	14 1/2
UPS10	Sanded	Disc Wheelled and Sanded.....												
BRONZE FINISHES														
2	Dull	Light Statuary, No Relief.....	U.S. 20	B8	D29	2A	2	BY65	HB	A	221	DBZR4	D29	2
02	Sanded	Statuary.....	U.S. 21			H2	02	BX12		RA		BZS4L		38S
2D	Dull	Dark Statuary, No Relief.....		B1		2D	2D		LB	A3B				
11	Buffed	Natural.....	U.S. 9	A	A20	1	11	BZ10	B	P	1	PBZ	A20	1
11D	Dull	Natural.....	U.S. 10	A5	D21	DB	11D	BY22	DB	OP	7	DBZ	D21	34
011C		Natural Sanded.....	U.S. 12	SA4			011C			RP		BZS7L		36 1/2
		Antique.....	U.S. 13							RP8				
UPS11	Sanded	Disc Wheelled and Sanded.....												
COPPER FINISH														
7 1/2	Buffed	Dark Oxidized, Mottled.....	U.S. 8	D2	A42	O	7 1/2	CZ27	R	AB	24	AC	A42	7 1/2
VERDE ANTIQUE FINISH														
36	Sanded	Verde Dark Bronze Relief.....	U.S. 22	V	S81	VA	36	BX67	V	V2A	90	V	S81	85
SILVER FINISH														
8C	Dull	Light Oxidized Relieved.....	U.S. 23	E4	D61	S	8C	SY52	KS	LS	42	D8R	D61	72
GOLD FINISH														
19	Buffed	Yellow Gold.....	U.S. 24	A70	A70	T	19	GZ10	BG	G	51	DG	A70	80
NICKEL FINISHES														
4	Buffed	Natural.....	U.S. 14	N	A50	NP	4	NZ10	E	N	80	PN	A50	5
14	Dull	Light Oxidized.....	U.S. 15	N5	D50	DN	14	NY10	DE	LN	77	DN	D50	90
04C	Sanded	Light Oxidized (Silverstone).....		SN	S50			NX52	SE	RN	078	NS	S50	5 1/2
04	Sanded	Natural.....	U.S. 16					NX10		RN				5.5
MISCELLANEOUS FINISHES														
47	Sanded	Imitation Barff Duco.....	U.S. 19	H	18	HW	47	BX80BYZ Steel	KF	BN	087 1/2	IRP	18	6
46	Sanded	Genuine Barff.....	U.S. 18	G	17	R1	46	FX90	F	BB	087	RPT	17	31
K	Kahala	Dark Brown Oil Finish, Baked.....		X	011	VEN'TN	K	FX80	TY	T	10	A	011	25
G	Galvanized	Electro Galvanized Finish.....	U.S. 2G	R	012	G	G	FW8	G	GALV.	GL	GALV.	012	Z
J	Japanned	Black Gloss, Baked.....	U.S. 1B	J	010	J	J		J	J	J	J	010	J
J1	Japanned	Dead Black, Baked.....	U.S. 1D	J1	0D10		DB		D		DJ	DJ	OD10	JF

IF AN EXACTNESS OF FINISH IS WANTED SEND SAMPLE

Unless otherwise specified when standard finishes are specified, when on brass the cross bar and vertical rods, grips and cylinders will be polished brass; if specified in bronze, items mentioned above in bronze will be sent polished bronze. NOTE—On competitive lines of devices our new process finishes will be furnished.

DOUBLE MAIN ENTRANCE DOORS WITHOUT MULLION

Devices of Other VON DUPRIN Types Than Type "B" Charted by Character of Operation, Listing Type "B" as a Basis

TYPE OF DOORS Main Entrance		Combina- tion	Type B Devices Double Acting	Combina- tion	Type C Devices	Com- hina- tion	Page	Type D Devices	Com- bina- tion	Page	Type E2 Devices Specify Single or Double Cylinder	Com- bina- tion	Type F Devices Iron	Com- bina- tion	Page	Type H Devices Gravity	Com- hina- tion	Page	Type J Devices Gravity	Com- bina- tion	Page	Type K Devices Double Acting
Double Main Entrance with Threshold, Cylinder Control, knob and escutcheon, Active Door.....	11B	17	1127Bx1123B	61C	29	6127Cx6123C									61	8127Hx8123H				21K	77	2127Kx2123K
	LR11B	19	1137Bx1133B	LR61C	31	6137Cx6133C										LR8127H xLR8123H				LR21K	79	2137Kx2133K
Double Main Entrance with Threshold, Cylinder Control, 10" Grip and Plate, Active Door.....	O11B	17	1127Bx1123B x2660 Ittner	O61C	29	6127Cx6123C x2660									61	8127Hx8123H x2660				O21K	77	2127Kx2123K x2660
	LR011D Ittner	19	1137Bx1133B x2660 Ittner	LR061C	31	6137Cx6133C x2660									63	LR8127H xLR8123x2660				LR021K	79	2137Kx2133K x2660

VERTICAL ROD DEVICE ON INACTIVE DOOR—MORTISE LOCK AND TRIM ON ACTIVE DOOR

Double Main Entrance with Threshold, Cylinder Control, Grip and Thumbpiece, Active Door.....	12B	21	1127Bx1724B	62C	29	6127Cx6724C	52D	41	5127Dx5724D	32E2	45	3127E2x3725E2	92F	51	9127Fx9724F	82H	65	8127Hx8724H	42J	71	4127Jx4724J	22K	81	2127Kx2724K
	LR12B	23	1137Bx1724B	LR62C	35	6137Cx1724C				LR32E2	45	LR3127E2 x3725E2				LR82H	65	LR8127H x8724H	LR42J	71	LR4127J x4724J	LR22K	83	2137Kx2724K
Double Main Entrance with Threshold, Cylinder Control, Night Latch Action, Grip Pull.....	13B	21	1127B xNL1724B	63C	29	6127C xNL6724C	53D	41	5127D xNL5724D	33E2	45	3127E2 xNL3725E2	93F	51	9127F xNL9724F	83H	65	8127H xNL8724H	43J	71	4127J xNL4724J	23K	81	2137K xNL2724K
	LR13B	23	1137B xNL1724B	LR63C	33	6137C xNL6724C				LR33E2	45	LR3127E2 xNL3725E2				LR83H	67	LR8127H xNL8724H	LR43J	71	LR4127J xNL4724J	LR23K	83	2137K xNL2724K
Double Main Entrance without Threshold, Cylinder Control, Night Latch Action, Grip Pull.....	14B	21	1127Bx1723B	64C	33	6127Cx6722C	54D	41	5127Dx5722D	34E2	45	3127E2x3723E2	94F	51	9127Fx9722F	84H	65	8127Hx8722H	42J	71	4127Jx4722J	24K	81	2127Kx2722K
	LR14B	23	1137x1723B	LR64C	35	6137Cx6722C				LR34E2	45	LR3127E2 x3723E2				LR84H	65	LR8127H x8722H	LR42J	71	LR4127J x4722J	LR24K	83	2137Kx2722K
Double Main Entrance with Threshold, Cylinder Control, knob and escutcheon.....	14½B	21	1127B xNL1741B	64½C	33	6127C xNL6741C	54½D	41	5127D xNL5741D	34½E2	45	3127E2 xNL3745E2				84½H	65	8127H xNL8741H	44½J	71	4127J xNL4741J	24½K	81	2127K xNL2741K
	LR14½B	23	1137B xNL1741B	LR64½C	35	6137C xNL6741C				LR	45	LR3127E2 xNL3745E2				LR	67	LR8127H xNL8741H	LR	71	LR4127J xNL4741J	LR24½K	83	2137K xNL2741K

DOUBLE THEATRE EXIT DOORS—VERTICAL DEVICE BOTH DOORS

Double Exit Theatre with Thresholds, Vertical Rod both Doors.....	15B	17	2-1127B	65C	29	2-6127C	55D	40	2-5127D	35E2	45	2-3127E2				85H	61	2-8127H	45J	71	2-4127J	25K	77	2-2127K
	LR15B	19	2-1137B	LR65C	31	2-6137C					45	2-LR3127E2										LR25K	79	2-2137K
Double Exit Theatre—Double Arm Device.....		15	1172B		27	6172C		39	5172D				49	9172F			59	8172H					75	2172K

DOUBLE EXIT OR FIRE ESCAPE DOORS—VERTICAL ROD DEVICE ON INACTIVE DOOR—MORTISE LATCH (AUXILIARY) ON ACTIVE DOOR

Double Exit Theatre with Thresholds.....	16B	21	1127Bx1730B	66C	33	6137Cx6730C	56D	41	5127Dx5730D	36E2	45	3127E2x3730E2				86H	65	8127Hx8730H				26K	81	2127Kx2730K
	LR16B	23	1137Bx1730B	LR66C	31	6137Cx6730C										LR86H	67	LR8127H x8730H				LR27K	83	2137Kx2730K

DOUBLE EXIT OR FIRE ESCAPE (UNDERWRITERS' "E" SPECIFICATION) VERTICAL ROD ON INACTIVE DOOR, MORTISE LATCH WITH ¾" THROW ON ACTIVE DOOR

Double Fire Escape Doors—Underwriters' Specification "E", with Threshold.....	16B	21	1127Bx1734B																			26K	81	2127Kx2734K
	LR16B	23	1137Bx1734B																			LR26K	83	2137Kx2734K

SINGLE DOORS—ALL TYPES

Single Main Entrance, Cylinder Control, Grip and Thumbpiece.....		24	1124B		36	6124C		42	5124D		46	3125E2		52	9124F		68	8124H		72	4124J		84	2124K
		24	NL1124B		36	NL6124C		42	NL5124D		46	NL3125E2		52	NL9124F		68	NL8124H		72	NL4124J		84	NL2124K
Single Main Entrance, Cylinder Control, Night Latch Action Grip only.....		24	NL1141B		36	NL6141C		42	NL5141D		46	NL3145E2		52	NL9141F		68	NL8141H		72	NL4141J		84	NL2141K
		24	1122B		36	6122C		42	5122D		46	3123E2		52	9122F		68	8122H		72	4122J		84	2122K
Single Fire Tower to Corridor, No Locking Control Single, Hall to Fire Escape, Auxiliary Bolt Control.....		25	K1126B		37	K6126C		43	K5126D		47	K3126E2		53	K9126F		69	K8126H		73	K4126J		85	K2126K
		25	1130B		37	6130C		43	5130D		47	3130E2		53	9130F		69	8130H		73	4130J		85	2130K
Single, Hall to Fire Escape, Recessed Face Latch.....		25	1124½B		37	6129½C		43	5129½D		47	3129½E2		53	9129½F		69	8129½H		73	4129½J		85	2129½K
		25	1129B		37	6129C		43	5129D		47	3129E2		53	9129F		69	8129H		73	4129J		85	2129K
Single, Auditorium and Gym to Corridor, Three Tumbler MK Lock with Paddle only.....		24	P1172B		37	P6172C		42	P5172D		46	P3172E2		52	P9172F		68	P8172H		72	P4172J		84	P2172K

TYPE "A"—See Pages 8 to 13

National Board of Underwriters' approved hardware for both fire hazard and casualty. Underwriters' specification Type "A" door, metal covered; single door, page 94—34Q 3 point; double doors, page 94—34Q 3 point x 34Q 2 point. Underwriters' "E" fire escape doors, page 84—No. 34 latch, ¾ throw x 2127K x Cross Bar Both Doors.



Von Duprin Equipped Buildings

The following VON DUPRIN equipped buildings are only "a dot in the horizon" of buildings equipped with VON DUPRIN SELF-RELEASING FIRE EXIT DEVICES. Today we can show with pardonable pride a few of the caliber of architects who are "believers" and who carry out their convictions by specifying VON DUPRINS. "Conservation of human lives" is today the uppermost thought in thinking men's minds, scientifically, architecturally and otherwise.

We wish we had room to show more.

We thank the profession,
both those whose buildings are
and are not shown.

**VONNEGUT
HARDWARE CO.**



SPECIMENS OF THE TYPES OF BUILDINGS Von Duprin EQUIPPED

1. Cleveland Public Auditorium.....Cleveland, Ohio

2. Southwestern Bell Telephone
Company Building.....St. Louis, Mo.
Westlake Construction Company,
ContractorsSt. Louis, Mo.

3. Masonic TempleSt. Louis, Mo.
Westlake Construction Company,
ContractorsSt. Louis, Mo.

4. Cook County Criminal Court House.....Chicago, Ill.

5. Municipal AuditoriumMinneapolis, Minn.
National Contracting Company,
General ContractorsMinneapolis, Minn.

6. Scottish Rite Cathedral.....St. Louis, Mo.
John Hill, General Contractor.....St. Louis, Mo.

7. Memorial Building and City Hall.....Cedar Rapids, Iowa

ARCHITECTS

Fredrick H. Betz.....Cleveland, Ohio
F. R. Walker of Walker & Weeks and J. H.
McDowell, Associate Architects. Herman
Kregelius, Architect for Addition.

Mauran, Russell & Crowell.....St. Louis, Mo.
I. R. Timlin, Associate.

Eames & Young.....St. Louis, Mo.

Eric E. Hall, County Architect of Hall,
Lawrence & Ratcliffe, Inc.....Chicago, Ill.
Croft & Boerner.....Minneapolis, Minn.

Wm. B. Ittner, Inc.....St. Louis, Mo.

W. J. Brown & H. E. Hunter.....Cedar Rapids, Iowa
H. Hornbostel, Consulting Architect.



SPECIMENS OF THE TYPES OF BUILDINGS **Don Duprin** EQUIPPED

ARCHITECTS

1. Indiana TheatreIndianapolis, Ind.
2. Aragon Ball Room.....Chicago, Ill.
3. Portland Publix Theatre.....Portland, Ore.
4. Riviera TheatreOmaha, Neb.
Selden & Breck Co., General Contractors. Omaha, Neb.
5. Aschers Sherdian Theatre.....Chicago, Ill.
6. Hawaii TheatreHonolulu, Hawaii
Pacific Engineering Company, Ltd.,
ContractorsHonolulu, Hawaii
7. Marbro TheatreChicago, Ill.
8. Mission PlayhouseSan Gabriel, Cal.
Wm. Simpson Co., Contractors.....Los Angeles, Cal.

- Rubush & Hunter.....Indianapolis, Ind.
- Huszagh & Hill.....Chicago, Ill.
- C. W. & G. L. Rapp.....Chicago, Ill.
- John EberssonChicago, Ill.
- J. E. O. Pridmore.....Chicago, Ill.
- Emory & Webb.....Honolulu, Hawaii
- Levy & Klein.....Chicago, Ill.
- Dodd & Richards.....Los Angeles, Cal.



SPECIMENS OF THE TYPES OF BUILDINGS Don Duprin EQUIPPED

1. Evanston Township High School.....Evanston, Ill.
2. Fordson High School.....Detroit, Mich.
3. Horace Mann School.....Gary, Ind.
4. Kenosha High School.....Kenosha, Wis.
Madsen, Peterson & Colwell,
General Contractors.....Minneapolis, Minn.
5. Junior High School, Eighteenth and
Pike Streets.....Philadelphia, Pa.
6. School, Twenty-sixth and Cumberland
Streets.....Philadelphia, Pa.
7. Sterling Morton High School.....Chicago, Ill.
8. Robert A. Long High School.....Longview, Wash.
9. Senior High School and Junior College...Grand Rapids, Mich.
10. Miami Senior High School.....Miami, Fla.
11. McKinley High School-Auditorium.....Honolulu, Hawaii
12. Waterloo West High School.....Waterloo, Iowa
H. A. Maine Co., General Contractors...Waterloo, Iowa
13. Shortridge High School.....Indianapolis, Ind.
14. Jamaica High School.....Jamaica, N. Y.

ARCHITECTS

- Perkins, Fellows & Hamilton.....Chicago, Ill.
 VanLeyen, Schilling & Keough.....Detroit, Mich.
 Wm. B. Ittner, Inc.....St. Louis, Mo.
 John D. Chubb.....Chicago, Ill.
- Irwin T. Catharine.....Philadelphia, Pa.
- Irwin T. Catharine.....Philadelphia, Pa.
 Ashby, Ashby & Schulze.....Chicago, Ill.
 Wm. B. Ittner, Inc.....St. Louis, Mo.
 H. H. Turner & V. E. Thebaud.....Grand Rapids, Mich.
 Kiehnel & Elliott.....Miami, Fla.
 L. E. Davis, Architect.....Honolulu, Hawaii
 R. E. Fishbourne, Associate.
 Wm. B. Ittner, Inc.....St. Louis, Mo.
- J. Edwin Kopf & Deery.....Indianapolis, Ind.
 New York Board of Education.....New York, N. Y.



SPECIMENS OF THE TYPES OF BUILDINGS ~~Don Duprin~~ EQUIPPED

1. Clifton Park Junior High School.....Baltimore, Md.
J. Henry Miller, Contractor.....Baltimore, Md.
2. Senior High School, Seventeenth and
LuzernePhiladelphia, Pa.
3. North High School.....Omaha, Neb.
4. El Segundo High School, Administra-
tion BuildingEl Segundo, Cal.
Herbert M. Baruch, Contractor.....Los Angeles, Cal.
5. Mercy High School, Eighty-first and
Prairie AvenueChicago, Ill.
6. Liberal Arts Building, Marygrove
CollegeDetroit, Mich.
7. Randolph Grade School.....Topeka, Kan.
Lundgren & Carlson, General Contractors..Topeka, Kan.
8. Residence Building, Marygrove College....Detroit, Mich.
W. E. Wood Co., Contractors.....Detroit, Mich.
9. James Callanan Junior High School.....Des Moines, Iowa
10. East Denver High School.....Denver, Colo.
Arvid Olsen, Contractor.....Denver, Colo.
11. Beaumont High School Building.....St. Louis, Mo.
12. John Marshall Intermediate High School..Seattle, Wash.
Jenkins & Kauffman, General Contractors..Seattle, Wash.

ARCHITECTS

- Josiah Pennington Baltimore, Md.
- Irwin T. Catharine..... Philadelphia, Pa.
- John Latenser & Sons..... Omaha, Neb.
- Rea & Garstang..... Los Angeles, Cal.
- Joseph W. McCarthy..... Chicago, Ill.
- D. A. Bohlen & Son..... Indianapolis, Ind.
- Thos. W. Williamson & Sons..... Topeka, Kan.
- D. A. Bohlen & Son..... Indianapolis, Ind.
- Proudfoot, Rawson & Souers..... Des Moines, Iowa
- Geo. H. Williamson..... Denver, Colo.
- R. M. Milligan..... St. Louis, Mo.
- F. A. Naramore..... Seattle, Wash.



SPECIMENS OF THE TYPES OF BUILDINGS *Don Duprin* EQUIPPED

ARCHITECTS

1. Langley High School.....	Pittsburgh, Pa.
2. Englewood High School.....	Englewood, Colo.
3. East Side High School.....	Cincinnati, Ohio
4. Hill Street School.....	Globe, Ariz.
5. West Allis High School.....	West Allis, Wis.
6. Grant School	San Francisco, Cal.
7. Peking Union Medical College—The Rockefeller Foundation	Peking, China
8. Prescott High School.....	Lincoln, Neb.
9. Cass Technical High School.....	Detroit, Mich.
10. High School	Austin, Minn.
11. College of Pharmacy.....	Boston, Mass.
12. Wm. N. Byers, Jr., High School.....	Denver, Colo.
13. Academy High School.....	Erie, Pa.
14. Mitchell School	Philadelphia, Pa.
15. Continuation School	Milwaukee, Wis.
16. Miles Standish School.....	Cleveland, Ohio
17. Grammar School	Magdalena, N. M.

McClure & Spahr.....	Pittsburgh, Pa.
Mountjoy & Frewen.....	Denver, Colo.
Garber & Woodward.....	Cincinnati, Ohio
Trost & Trost.....	El Paso, Texas
R. A. Messmer & Bros.....	Milwaukee, Wis.
John Reid, Jr.....	San Francisco, Cal.
Shattuck & Hussey.....	Chicago, Ill.
Fisk & McGinnis.....	Lincoln, Neb.
Malcomson & Higginbotham.....	Detroit, Mich.
G. L. Lockhart, Inc.....	St. Paul, Minn.
Kilham, Hopkins & Greeley.....	Boston, Mass.
Wm. N. Bowman.....	Denver, Colo.
Wm. B. Ittner, Inc.....	St. Louis, Mo.
J. D. Cassell, Board of Education.....	Philadelphia, Pa.
Van Ryn & DeGellecke.....	Milwaukee, Wis.
Mr. W. R. McCornack, Board of Education....	Cleveland, Ohio
Trost & Trost.....	El Paso, Texas



SPECIMENS OF THE TYPES OF BUILDINGS Don Duprin EQUIPPED

1. Northwestern Telephone Building.....St. Paul, Minn.
2. Anchor Cap and Closure Corporation.....Brooklyn, N. Y.
3. Lone Star Motor Company.....El Paso, Texas
4. Pabst Corporation Building No. 9.....Milwaukee, Wis.
5. Hole-Proof Hosiery Company.....Milwaukee, Wis.
6. Bureau of Printing and Engraving.....Washington, D. C.
7. Moana Hotel and Theatre.....Honolulu, Hawaii
8. Federal Reserve Bank Building.....Cleveland, Ohio
9. Christian Science Church.....Lakewood, Ohio
10. Edison Service Building.....Detroit, Mich.
11. St. Vincent Home.....Drexel, Hill, near
Landsdown, Pa.
12. Masonic TempleCleveland, Ohio

ARCHITECTS

- | | |
|--|------------------------------|
| A. H. Stem..... | St. Paul, Minn. |
| The Ballenger Company..... | Philadelphia and
New York |
| Lang & Wittchell..... | Dallas, Texas |
| W. R. Brockman..... | Milwaukee, Wis. |
| Lockwood, Greene & Co..... | Chicago, Ill. |
| Oscar C. Wenderoth (Treasury Department,
United States Government)..... | Washington, D. C. |
| H. L. Kerr..... | Honolulu, Hawaii |
| Walker & Weeks..... | Cleveland, Ohio |
| Chas. B. Faulkner..... | Chicago, Ill. |
| Smith, Hinchman & Grylls..... | Detroit, Mich. |
| Paul Monaghan..... | Philadelphia, Pa. |
| Hubbell & Benes Company..... | Cleveland, Ohio |

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